

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Serial No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name
PO038285	ACI001-VC	3	1	Net 30	M6061T6B1.000X02.000	6061-T6 Bar 1.00 X 2.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft				20	11/13/2017	20		S008416	Stock	11/9/2017	\$ 6.26 / ft	0		\$125.26	Acier Ouellette Inc.
		4			M6061T6B1.500X02.000	6061-T6 Bar 1.50 X 2.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft				12		12		S008417	Stock	11/9/2017	\$ 10.44 / ft	0		\$125.29	Acier Ouellette Inc.
		5			M6061T6B1.500X04.000	6061T6 Bar 1.500 X 4.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft						12		S008418	Stock	11/9/2017	\$ 22.27 / ft	0		\$267.26	Acier Ouellette Inc.
		6			M6061T6B2.000X01.250	6061-T6 Bar 2.00 X 1.25 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft				24		24		S008419	Stock	11/9/2017	\$ 9.88 / ft	0		\$237.05	Acier Ouellette Inc.
		8			M6061T6B1.500X3.000	6061T6 Bar 1.500 X 3.000 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft				6		6		S008420	Stock	11/9/2017	\$ 15.74 / ft	0		\$94.44	Acier Ouellette Inc.
		9			M6061T6B0.750X02.000	6061-T6 Bar .750 X 2.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft				20		20		S008421	Stock	11/9/2017	\$ 5.38 / ft	0		\$107.61	Acier Ouellette Inc.
		10			M6061T6B0.750X01.000	6061-T6 Bar .750 X 1.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft						20		S008422	Stock	11/9/2017	\$ 2.61 / ft	0		\$52.15	Acier Ouellette Inc.
		11			M6061T6R0.625	6061-T6 Round Bar .625" : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft						20		S008423	Stock	11/9/2017	\$ 1.07 / ft	0		\$21.37	Acier Ouellette Inc.
		12			M6061T6R1.000	Round Bar 1.00" : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR				40		40		S008424	Stock	11/9/2017	\$ 2.46 / ft	0		\$98.40	Acier Ouellette Inc.

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		13			M6061T6R1250	6061-T6 Round Bar 1.250 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft						40			S008425 Stock	11/9/2017	\$ 3.83 / ft	0		\$153.29	Acier Ouellette Inc.
		18			M6061T6S.080	6061-T6 .080 Sheet : MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf				32		32			S008426 Stock	11/9/2017	\$ 8.17 / sf	0		\$261.41	Acier Ouellette Inc.
		19			M6061T6S.188	6061-T6 .188 Sheet : MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf						32			S008427 Stock	11/9/2017	\$ 9.83 / sf	0		\$314.42	Acier Ouellette Inc.
		22			M1018B.125X0.750	1010-1025 Steel Bar .125 X .750 : MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570 OR CSA G40-21 38W/44W/50W/60W/70W CSA G40-21 OR 38W/44W/50W/60W/70W receive ft				12		12			S008428 Stock	11/9/2017	\$ 0.96 / ft	0		\$11.67	Acier Ouellette Inc.
		23			M4140HR0.750	4140 Round Bar .750 : AISI 4140H ROUND BAR PER AISI4140OR ASTM A304-02/A-434-BC/-A193-03-GRADE B7/A29-03/A322-91 OR UNS# G41400 MINIMUM ULTIMATE TENSILE STRENGTH=100 KSI MINIMUM YIELD TENSILE STRENGTH=66KSI receive ft				6		6			S008429 Stock	11/9/2017	\$ 3.49 / ft	0		\$20.95	Acier Ouellette Inc.
		24			M6061T6B0.500X02.000	6061-T6 Bar .500 X 2.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft				20		20			S008430 Stock	11/9/2017	\$ 2.95 / ft	0		\$58.98	Acier Ouellette Inc.
		25			M6061T6R0.750	6061-T6 Round Bar .750 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft						20			S008431 Stock	11/9/2017	\$ 1.34 / ft	0		\$26.77	Acier Ouellette Inc.
		26			M1018B1.000X06.000	1010-1025 Steel Bar 1.000 X 6.000 : MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570 OR CSA G40-21 38W/44W/50W/60W/70W CSA G40-21 OR 38W/44W/50W/60W/70W receive ft				6		6			S008432 Stock	11/9/2017	\$ 30.42 / ft	0		\$182.52	Acier Ouellette Inc.
Total:										342		342								\$1,700.65	



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PURCHASE ORDER **PO038285**

Supplier: ACI001-VC
Acier Ouellette Inc.
935 Boul. Du Havre
Valleyfield
QC
J6S 5L1 Canada
Phone: 800 667 4248
Fax: 450 377 5696

PO No: PO038285
PO Date: 11/7/17
Due Date: 11/13/17
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Phone:

E-MAILED
NOV 07 2017

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments: QUOTATION NO.
SOU0068632,SOU0069446,SOU0069452

Items

Line Item	Part	Rev	Description	Item Tax	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M17-4-R0.750 ✓	-	17-4 Round Bar .750 : 17-4 PH / S17400 / TYPE 630 SS ROUND BAR PER AMS 5643/ ASTM A564 GRAIN MUST BE ALONG LENGTH OF BAR MINIMUM YIELD TENSILE STRENGTH = 100 KSI MINIMUM ULTIMATE TENSILE STRENGTH = 150 KSI receive ft		Firmed	11/13/17	24 ft ✓	0 ft	24 ft	\$8.275/ft	\$198.60
	* B/O							24 ft			
2	M2024T3S.032 ✓	-	2024-T3 .032 Sheet : MATERIAL: 2024-T3 ALUMINUM SHEET AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037 OR ASTM B209 receive sf		Firmed	11/13/17	48 sf	0 sf	48 sf	\$4.4791666/sf	\$215.00
	* B/O										
3	M6061T6B1.000X02.000 ✓	-	6061-T6 Bar 1.00 X 2.00 : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ- A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ- A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft		Firmed	11/13/17	20 ft ✓	0 ft	20 ft	\$6.263/ft	\$125.26
	DAS 8 9-88							20 ft			
4	M6061T6B1.500X02.000 ✓	-	6061-T6 Bar 1.50 X 2.00 : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ- A-225/8 OR AMS 4117/4128/4115/4116 OR		Firmed	11/13/17	12 ft ✓	0 ft	12 ft	\$10.440833/ft	\$125.29
	DAS 9 9-88							12 ft			
								12 ft			



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			QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft								
5	M6061T6B1.500X04.000		6061T6 Bar 1.500 X 4.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft		Firmed	11/13/17	12 ft	0 ft	12 ft	\$22.271666/ft	\$267.26
	DAS 9 9-80							12ft			
6	M6061T6B2.000X01.250		6061-T6 Bar 2.00 X 1.25 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft		Firmed	11/13/17	24 ft	0 ft	24 ft	\$9.8770833/ft	\$237.05
	DAS 9 9-80							24ft			
7	M6061T6B2.000X03.500		6061-T6 Bar 2.00 X 3.50 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft		Firmed	11/13/17	6 ft	0 ft	6 ft	\$40.70/ft	\$244.20
	3/0										
8	M6061T6B1.500X3.000		6061T6 Bar 1.500 X 3.000 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft		Firmed	11/13/17	6 ft	0 ft	6 ft	\$15.74/ft	\$94.44
	DAS 9 9-80							6ft			
9	M6061T6B0.750X02.000		6061-T6 Bar .750 X 2.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-		Firmed	11/13/17	20 ft	0 ft	20 ft	\$5.3805/ft	\$107.61
	DAS 9 9-80							20ft			



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			A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ- A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft								
10	M6061T6B0.750X01.000	-	6061-T6 Bar .750 X 1.00 : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ- A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ- A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft		Firmed	11/13/17	20 ft	0 ft	20 ft	\$2.6075/ft	\$52.15
	DAS 9 9-89							20ft			
11	M6061T6R0.625	-	6061-T6 Round Bar .625" : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ- AA-200/8 OR AMS-QQ-A- 200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft		Firmed	11/13/17	20 ft	0 ft	20 ft	\$1.0685/ft	\$21.37
	DAS 9 9-89							20ft			
12	M6061T6R1.000	-	Round Bar 1.00" : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ- AA-200/8 OR AMS-QQ-A- 200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft		Firmed	11/13/17	40 ft	0 ft	40 ft	\$2.46/ft	\$98.40
								40ft			
13	M6061T6R1.250	-	6061-T6 Round Bar 1.250 : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ- AA-200/8 OR AMS-QQ-A- 200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft		Firmed	11/13/17	40 ft	0 ft	40 ft	\$3.83225/ft	\$153.29
	DAS 9 9-89							40ft			
								SP7-21-9			



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14	M6061T6R3.250	-	6061-T6 Round Bar 3.250" : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft		Firmed	11/13/17	36 ft	0 ft	36 ft	\$30.773611/ft	\$1,107.85
15	M6061T6S.020	-	6061-T6 Sheet .020 : MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf		Firmed	11/13/17	48 sf	0 sf	48 sf	\$1.736875/sf	\$83.37
16	M6061T6S.040	-	6061-T6 .040 Sheet : MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf		Firmed	11/13/17	144 sf	0 sf	144 sf	\$2.8484722/sf	\$410.18
17	M6061T6S.063	-	6061-T6 .063 Sheet : MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf		Firmed	11/13/17	64 sf	0 sf	64 sf	\$2.7565625/sf	\$176.42
18	M6061T6S.080	-	6061-T6 .080 Sheet : MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf		Firmed	11/13/17	32 sf	0 sf	32 sf	\$8.1690625/sf	\$261.41
19	M6061T6S.188	-	6061-T6 .188 Sheet : MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf		Firmed	11/13/17	32 sf	0 sf	32 sf	\$9.825625/sf	\$314.42
20	M304B1.000X1.000	-	304 Bar 1.00 X 1.00 : MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240		Firmed	11/13/17	24 ft	0 ft	24 ft	\$13.4625/ft	\$323.10



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			NOTE: AISI 303 NOT ACCEPTABLE receive ft								
21	M303R0.500	-	303 Round Bar 0.500" : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE: 304/316 NOT ACCEPTABLE receive ft		Firmed	11/13/17	48 ft	0 ft	48 ft	\$1.9739583/ft	\$94.75
22	M1018B.125x0.750	-	1010-1025 Steel Bar .125 X .750 : MATERIAL: AISI 1010- 1025 OR ASTM A36/A366/A569/A570 OR OR CSA G40-21 38W/44W/50W/60W/70W CSA G40-21 OR 38W/44W/50W/60W/70W receive ft		Firmed	11/13/17	12 ft	0 ft	12 ft	\$0.956666/ft	\$11.48
23	M4140HR0.750	-	4140 Round Bar .750 : AISI 4140H ROUND BAR PER AISI 4140 OR ASTM A304-02/-A-434- BC/-A193-03-GRADE B7/-A29-03/-A322-91 OR UNS#-G41400 MINIMUM ULTIMATE TENSILE STRENGTH=100 KSI MINIMUM YIELD TENSILE STRENGTH=66KSI receive ft		Firmed	11/13/17	6 ft	0 ft	6 ft	\$3.492/ft	\$20.95
24	M6061T6B0.500X02.000	-	6061-T6 Bar .500 X 2.00 : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ- A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ- A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft		Firmed	11/13/17	20 ft	0 ft	20 ft	\$2.949/ft	\$58.98
25	M6061T6R0.750	-	6061-T6 Round Bar .750" : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ- AA-200/8 OR AMS-QQ-A- 200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft		Firmed	11/13/17	20 ft	0 ft	20 ft	\$1.3385/ft	\$26.77



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PURCHASE ORDER PO038285

Items											
Line Item	Part	Rev	Description	Item Tax	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
26	M1018B1.000X06.000	-	1010-1025 Steel Bar 1.000 X 6.000 : MATERIAL: AISI 1010- 1025 OR ASTM A36/A366/A569/A570 OR OR CSA G40-21 38W/44W/50W/60W/70W CSA G40-21 OR 38W/44W/50W/60W/70W receive ft		Firmed	11/13/17	6 ft	0 ft	6 ft	\$30.42/ft	\$182.52
										Grand Total: \$5,012.12	

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 11/7/17 3:05 PM DART.LAVOIE.CHANTAL



ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Quotation

SOU0068632

Billed to

DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Customer N°

CLI0001056

Date

2017/11/02

Revision N°

0

Prices valid until

2017/11/09

Your Order N°

Processed by

BERNARD

Salesman

JOSIANNE

Carrier

OUELLE SDV

Credit Terms

Net 30 Days

Page

3

Product N° and description	Weight	Qty	U/M	Qty	U/M	Price	Pcs Nb	Price	Amount
ROUND ALU 1 6061-T6 RANDOM RAL-1-V 5141 ✓ 2 X 20' STOCK	37.00	40.00	PI_\$CLB	40.00	PI		2.00	49.200	98.40
ROUND ALU 1 1/4 6061-T6 RANDOM RAL-114-V 5121 ✓ 2 X 20' STOCK	57.64	40.00	PI_\$CLB	40.00	PI		2.00	76.645	153.29
ROUND ALU 3 1/4 6061-T6 RANDOM RAL-314-V 5152 ✓ 3 X 12' 2-3 DAYS	350.64	36.00	PI_\$CLB	36.00	PI		3.00	369.283	1 107.85
ALU SHEET .020 (24G) 6061-T6 (4 X 12) FEAL-0204126061 3048 ✓ 1 X 4' X 12' 2-3 DAYS	13.54	48.00	PI2_\$CLB	1.00	UN		1.00	83.370	83.37
ALU SHEET .040 (18G) 6061-T6 RANDOM FEAL-0406061-V 3131 ✓ 3 X 4' X 12' 2-3 DAYS	81.07	144.00	PI2_\$CLB	144.00	PI2		3.00	136.726	410.18
ALU SHEET .064 (14G) 6061-T6 (4 X 8) FEAL-064486061 3175 ✓ 2 X 4' X 8' 2-3 DAYS	57.66	64.00	PI2_\$CLB	2.00	UN		2.00	88.210	176.42
ALU SHEET .081 (12G) 6061-T6 (4 X 8) FEAL-081486061 3199 ✓ 1 X 4' X 8' STOCK	36.51	32.00	PI2_\$CLB	1.00	UN		1.00	261.410	261.41
ALU SHEET 3/16 6061-T6 (4 X 8) FEAL-316486061 4271 ✓ 1 X 4' X 8' STOCK	85.92	32.00	PI2_\$CLB	1.00	UN		1.00	314.420	314.42
SQUARE SS 1 SS304 RANDOM CSS-1-V 2085 ✓ 2 X 12' R/L 2-3 DAYS	81.60	24.00	PI_\$CLB	24.00	PI		2.00	161.550	323.10

préavis en fonction de l'évolution des prix de l'acier sur le marché.
Cette offre est sujette et conditionnelle à l'approbation du crédit.

Date :

Next Page...

**ACIER OUELLETTE INC.**

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Quotation**SOU0068632****Billed to**

DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Customer N°

CLI0001056

Date

2017/11/02

Revision N°

0

Prices valid until**2017/11/09****Your Order N°****Processed by**

BERNARD

Salesman

JOSIANNE

Carrier

OUELLE SDV

Credit Terms

Net 30 Days

Page

2

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Product N° and description	Weight	Qty	U/M	Qty	U/M	Price	Pcs Nb	Price	Amount
FLAT ALU 1 1/4 X 2 6061-T6 RANDOM FAL-1142-V 2456 2 X 12' STOCK ✓	70.56	24.00	PI_\$CLB	24.00	PI		2.00	118.525	237.05
ALU PLATE 2 6061-T651 RANDOM PAL-26061-V 7470 1 X 3 1/2" X 72" 2-3 DAYS ✓ COUPE A LA SCIE SCIE 1 66+	57.28	2.00	PI2_\$CLB	2.00	PI2		1.00	244.200	244.20
AL. PLAT 2 3/4" X 6 N 1 X 6' 5-7 DAYS ✓	0.00	1.00	UN	1.00	UN		1.00	497.000	497.00
FLAT ALU 1 1/2 X 3 6061-T6 RANDOM FAL-1123-V 2445 1 X 6' STOCK ✓ COUPE A LA SCIE SCIE 1	31.75	6.00	PI_\$CLB	6.00	PI		1.00	94.440	94.44
FLAT ALU 3/4 X 2 6061-T6 RANDOM FAL-342-V 2592 1 X 20' STOCK ✓	36.36	20.00	PI_\$CLB	20.00	PI		1.00	107.610	107.61
FLAT ALU 3/4 X 1 6061-T6 RANDOM FAL-341-V 2588 1 X 20' 2-3 DAYS ✓	17.62	20.00	PI_\$CLB	20.00	PI		1.00	52.150	52.15
FLAT ALU 1/8 X 3/4 6063-T5 RANDOM FAL-1834-V 2552 1 X 20' STOCK ✓	2.26	20.00	PI_\$CLB	20.00	PI		1.00	6.580	6.58
ROUND ALU 5/8 6061-T6 RANDOM RAL-58-V 5169 1 X 20' STOCK ✓	7.22	20.00	PI_\$CLB	20.00	PI		1.00	21.370	21.37

préavis en fonction de l'évolution des prix de l'acier sur le marché.
Cette offre est sujette et conditionnelle à l'approbation du crédit.

Date :

Next Page...



ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Quotation

SOU0068632

Billed to

DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Customer N°

CLI0001056

Date

2017/11/02

Revision N°

0

Prices valid until

2017/11/09

Your Order N°

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BERNARD

Salesman

JOSIANNE

Carrier

OUELLE SDV

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Page

1

Product N° and description	Weight	Qty	U/M	Qty	U/M	Price	Pcs Nb	Price	Amount
PLAT 17-4 PH 1 1/2 X 2 1/4 N 1 X 12' 5-7 JOURS	0.00	1.00	UN	1.00	UN		1.00	1 930.000	1 930.00
ROUND SS 3/4 17-4PH NS RSS-34174 9268 2464 1 X 12' STOCK	18.02	12.00	PI_\$CLB	12.00	PI		1.00	99.300	99.30
ALU SHEET .032 (20G) 2024-T3 (4 X 12) BARE FEAL-0324122024 3093 1 X 4' X 12' DELIVERY 2-3 DAYS	21.65	48.00	PI2_\$CLB	1.00	UN		1.00	215.600	215.60
PLAT SS303 1 1/2 X 3 1/2 N 1 X 12' 7-10 DAYS	0.00	1.00	UN	1.00	UN		1.00	3 840.000	3 840.00
ALU PLATE 1/2 6061-T651 RANDOM PAL-126061-V 4229 1 X 23" X 144" 2-3 DAYS COUPE A LA SCIE SCIE 1	174.00	24.00	PI2_\$CLB	24.00	PI2		1.00	659.350	659.35
FLAT ALU 1 X 2 6061-T6 RANDOM FAL-12-V 2497 1 X 20' STOCK	48.00	20.00	PI_\$CLB	20.00	PI		1.00	125.260	125.26
FLAT ALU 1 1/2 X 2 6061-T6 RANDOM FAL-1122-V 2440 1 X 12' STOCK	42.34	12.00	PI_\$CLB	12.00	PI		1.00	125.290	125.29
FLAT ALU 1 1/2 X 4 6061-T6 RANDOM FAL-1124-V 2447 1 X 12' STOCK	84.59	12.00	PI_\$CLB	12.00	PI		1.00	267.260	267.26

préavis en fonction de l'évolution des prix de l'acier sur le marché.
Cette offre est sujette et conditionnelle à l'approbation du crédit.

Date :

Next Page...

**ACIER OUELLETTE INC.**

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Quotation**SOU0068632****Billed to**

DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Customer N°

CLI0001056

Date

2017/11/02

Revision N°

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2017/11/09

Your Order N°**Processed by**

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Salesman

JOSIANNE

Carrier

OUELLE SDV

Credit Terms

Net 30 Days

Page

4

Product N° and description	Weight	Qty	U/M	Qty	U/M	Price	Pcs Nb	Price	Amount
ROUND SS 1/2 303 RANDOM RSS-12303-V 5727 4 X 12' 2-3 DAYS	32.02	48.00	PI_\$CLB	48.00	PI		4.00	23.687	94.75
FLAT CR 1/4 X 3/4 1018 RANDOM FCR-1434-V 2753 1 X 12' R/L STOCK	7.66	12.00	PI_\$CLB	12.00	PI		1.00	11.480	11.48
ROUND 4140 HEAT TREAT 3/4 RANDOM R4140-34H-V 4949 1 X 5' STOCK	7.51	5.00	PI_\$CLB	5.00	PI		1.00	17.460	17.46
COUPE A LA SCIE SCIE 1		1.00	UN	1.00					
PLAT 4140 ANN 1/2 X 1 5/8" 1 X 4' OFFER 4140 ANN 2-3 DAYS	0.00	1.00	UN	1.00	UN		1.00	145.000	145.00
SURCHARGE ENERGETIQUE FRAIS_ENERGETIQUE			\$						3.95

Total Weight (Lbs)

2 920.84

Important

This offer is based on availability and current pricing conditions that may be revised upon

réception de l'information de l'évolution des prix de l'acier sur le marché.

Cette offre est soumise aux conditions de crédit approuvées.

Approved and Accepted by :

Date :

Sub-total

11 723.54

TVH-13 · 1524.06

Total (\$CAD)**13 247.60**



ACIER OUELLETTE INC.

935, Boul. du H vre
 Salaberry de Valleyfield (Qu bec) J6S 5L1
 T l.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
 Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Quotation

SOU0069452

Billed to

DART AEROSPACE LTD
 1270 , ABERDEEN ST.
 HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Customer N 

CLI0001056

Date

2017/11/07

Revision N 

0

Prices valid until

2017/11/14

Your Order N 

Processed by

BERNARD

Salesman

JOSIANNE

Carrier

OUELLE SDV

Credit Terms

Net 30 Days

Page

1

Att : CHANTAL LAVOIE T l.: 613-632-5200

Product N� and description	Weight	Qty	U/M	Qty	U/M	Price	Pcs Nb	Price	Amount
FLAT ALU 1/2 X 2 6061-T6 RANDOM FAL-122-V 2481 1 X 20'	23.98	20.00	PI_\$CLB	20.00	PI		1.00	58.980	58.98
ROUND ALU 3/4 6061-T6 RANDOM RAL-34-V 5157 1 X 20'	10.46	20.00	PI_\$CLB	20.00	PI		1.00	26.770	26.77
SURCHARGE ENERGETIQUE FRAIS_ENERGETIQUE ALL IN STOCK			\$						3.95

Total Weight (Lbs)

34.44

Important

This offer is based on availability and current pricing conditions that may be revised upon

pr sentation de l' volution des prix de l'acier sur le march .

This offer is subject to conditions and approval of credit.

Approved and Accepted by :

Date :

Sub-total

89.70

TVH-13 · · 11.66

Total (\$CAD)

101.36



ACIER OUELLETTE INC.

935, Boul. du H vre
Salaberry de Valleyfield (Qu bec) J6S 5L1
T l.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Quotation

SOU0069446

Billed to

DART AEROSPACE LTD
1270 , ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE T l.: 613-632-5200

Customer N 

CLI0001056

Date

2017/11/07

Revision N 

0

Prices valid until

2017/11/14

Your Order N 

Processed by

BERNARD

Salesman

JOSIANNE

Carrier

OUELLE SDV

Credit Terms

Net 30 Days

Page

1

Product N� and description	Weight	Qty	U/M	Qty	U/M	Price	Pcs Nb	Price	Amount
FLAT CR 1 X 6 1018 RANDOM FCR-16-V 2775 1 X 6' STOCK COUPE A LA SCIE SCIE 1	122.40	6.00	PI_\$CLB	6.00	PI		1.00	182.520	182.52
SURCHARGE ENERGETIQUE FRAIS_ENERGETIQUE		1.00	UN	1.00					3.95

Total Weight (Lbs)

122.40

Important

This offer is based on availability and current pricing conditions that may be revised upon

pr sentation de l'offre de l' volution des prix de l'acier sur le march .

Cette offre est soumise aux conditions de cr dit approuv .

Approved and Accepted by :

Date :

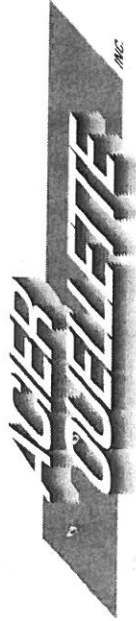
Sub-total

186.47

TVH-13   24.24

Total (\$CAD)

210.71



DELIVERY - CLIENT

CO00060831

ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N°

Date

Delivery date

Your order N°

Processed by

Salesman

Carrier

Credit Terme

Page

CLI0001056

2017/11/07

2017/11/09

38285

Josianne Bourdon

OUELLETTE VALLEYFIELD

Net 30 Days

1

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.

HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

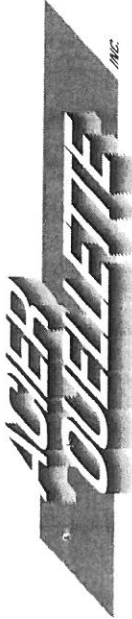
Delivery Route 5

Instruction F-M

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only			
				CMD	EXP	B/O	IN	I	S	C
1 ROUND SS 3/4 17-4PH NS RSS-34174 9268 2 X 12' HEAT: AC11066-JG-13/11	36.05	24.00	PI_\$CLB							
2 ALU SHEET .032 (20G) 2024-T3 (4 X 12) BARE FEAL-0324122024 3093 1 X 4' X 12' HEAT: AC11063-SA-13/11	21.65	48.00	PI2_\$CLB							
3 FLAT ALU 1 X 2 6061-T6 RANDOM FAL-12-V 2497 1 X 20' HEAT	48.00	20.00	PI1_\$CLB							

NIR : R-109516-6

Next Page...



DELIVERY - CLIENT

CO00060831

ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N°

CLI0001056

Date

2017/11/07

Delivery date

2017/11/09

Your order N°

38285

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.

HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Salesman

JOSIANNE BOURDON

Carrier

OUELLETTE VALLEYFIELD

Credit Terme

Net 30 Days

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Instruction F-M

Delivery Route 5

Page 2

Instruction	Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only			
					CMD	EXP	B/O	IN	I	S	C
4	FLAT ALU 1 1/2 X 2 6061-T6 RANDOM FAL-1122-V 2440 1 X 12' HEAT	42.34	12.00	PI_\$CLB							
5	FLAT ALU 1 1/2 X 4 6061-T6 RANDOM FAL-1124-V 2447 1 X 12' HEAT	84.59	12.00	PI_\$CLB							
6	FLAT ALU 1 1/4 X 2 6061-T6 RANDOM FAL-1142-V 2456 2 X 12' HEAT:	70.56	24.00	PI_\$CLB							
7	ALU PLATE 2 6061-T651 RANDOM PAL-26061-V 7470 1 X 3 1/2" X 72" HEAT	57.28	2.00	PI2_\$CLB							

NIR : R-109516-6

Next Page...



DELIVERY - CLIENT

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ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N°

CLI0001056

Date

2017/11/07

Delivery date

2017/11/09

Your order N°

38285

Processed by

Josianne Bourdon

Salesman

OUELLETTE VALLEYFIELD

Carrier

Credit Terme

Net 30 Days

Page

3

Billed to

DART AEROSPACE LTD

1270 , ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Instruction F-M

Delivery Route 5

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only			
				CMD	EXP	B/O	IN	I	S	OUT
COUPE A LA SCIE SCIE 1		1.00	UN							
MATERIEL DOIT ETRE STAMPER TRANSFERT ST-JEROME LE 09/11										
9 FLAT ALU 1 1/2 X 3 6061-T6 RANDOM FAL-1123-V 2445 1 X 6' HEAT COUPE A LA SCIE SCIE 1	31.75	6.00	PI \$CLB UN							

NIR : R-109516-6

Next Page...

DELIVERY - CLIENT

ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N° CLI0001056

Date 2017/11/07

Delivery date 2017/11/09

Your order N° 38285

Processed by Josianne Bourdon

Salesman

Carrier OUELLETTE VALLEYFIELD

Credit Terme Net 30 Days

Page 4

Shipped to

Billed to

DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

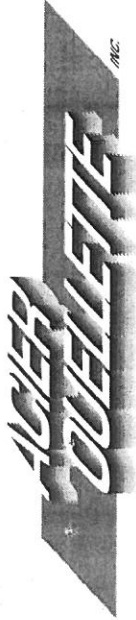
Instruction F-M

Instruction	Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only		
					CMD	EXP	B/O	IN	I	S C
10	FLAT ALU 3/4 X 2 6061-T6 RANDOM FAL-342-V 2592 1 X 20' HEAT	36.36	20.00	PI_\$CLB		1 X 20'				
11	FLAT ALU 3/4 X 1 6061-T6 RANDOM FAL-341-V 2588 1 X 20' HEAT	17.62	20.00	PI_\$CLB		1 X 20'				
12	ROUND ALU 5/8 6061-T6 RANDOM RAL-58-V 5169 1 X 20' HEAT	7.22	20.00	PI_\$CLB		1 X 20'				
13	ROUND ALU 1 6061-T6 RANDOM RAL-1-V 5141 2 X 20' HEAT	37.00	40.00	PI_\$CLB		2 X 20'				

807-11-9

NIR : R-109516-6

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DELIVERY - CLIENT

CO00060831

ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N°

CLI0001056

Date

2017/11/07

Delivery date

2017/11/09

Your order N°

38285

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Instruction F-M

Delivery Route 5

Credit Terme

Net 30 Days

Page

5

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only			
				CMD	EXP	B/O	IN	I	S	C
14 ROUND ALU 1 1/4 6061-T6 RANDOM RAL-114-V 5121 2 X 20' HEAT	57.64	40.00	PI_\$CLB		2x 20'					
15 ROUND ALU 3 1/4 6061-T6 RANDOM RAL-314-V 5152 3 X 12' HEAT AC11063-SA-13/11	350.64	36.00	PI_\$CLB		3x					
16 ALU SHEET .020 (24G) 6061-T6 (4 X 12) FEAL-0204126061 3048 1 X 4' X 12' HEAT MATERIEL DOIT ETRE STAMPER	13.54	48.00	PI2_\$CLB		1x					

NIR : R-109516-6

Next Page...



DELIVERY - CLIENT

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ACIER OUELLETTE INC.

935, Boul. du Havre
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Customer N°

CLI0001056

Date

2017/11/07

Delivery date

2017/11/09

Your order N°

38285

Shipped to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Processed by

Josianne Bourdon

Salesman

, Ontario,

Carrier

OUELLETTE VALLEYFIELD

Credit Terme

Net 30 Days

Instruction

F-M

Delivery Route

5

Att : CHANTAL LAVOIE Tél.: 613-632-5200

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6

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only			
				CMD	EXP	B/O	IN	I	S	C
TRANSFERT ST-JEROME LE 09/11										
18 ALU SHEET .040 (18G) 6061-T6 RANDOM FEAL-0406061-V 3131 3 X 4' X 12' HEAT	81.07	144.00	PI2_\$CLB							
TRANSFERT ST-JEROME LE 09/11										
MATERIEL DOIT ETRE STAMPER										
20 ALU SHEET .064 (14G) 6061-T6 (4 X 8) FEAL-064486061 3175 2 X 4' X 8' HEAT	57.66	64.00	PI2_\$CLB							

NIR : R-109516-6

Next Page...



DELIVERY - CLIENT

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ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
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Shipped to

DART AEROSPACE LTD

1270 , ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Processed by

Josianne Bourdon

Salesman

, Ontario,

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OUELLETTE VALLEYFIELD

Credit Terme

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7

Delivery Route

5

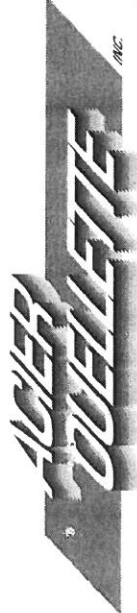
Att : CHANTAL LAVOIE Tél.: 613-632-5200

Instruction F-M

Product Description	Weight	Qty	U/M	PCS NB		Internal Use Only			
				CMD	EXP	B/O	IN	I	S C
TRANSFERT ST-JEROME LE 09/11									
MATERIEL DOIT ETRE STAMPE									
22 ALU SHEET .081 (12G) 6061-T6 (4 X 8) FEAL-081486061 3199 1 X 4' X 8' HEAT 358772	36.51	32.00	PI2_\$CLB		14				
23 ALU SHEET 3/16 6061-T6 (4 X 8) FEAL-316486061 4271 1 X 4' X 8' HEAT K650144	85.92	32.00	PI2_\$CLB		14				
24 SQUARE SS 1 SS304 RANDOM CSS-1-V 2085 2 X 12' R/L HEAT	81.60	24.00	PI_\$CLB			2x			

NIR : R-109516-6

Next Page...



DELIVERY - CLIENT

CO00060831

ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N°

CLI0001056

Date

2017/11/07

Delivery date

2017/11/09

Your order N°

38285

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Instruction F-M

Delivery Route 5

Page

8

Credit Terme

Net 30 Days

Processed by

Josianne Bourdon

Salesman

Carrier

OUELLETTE VALLEYFIELD

Instruction	Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only			
					CMD	EXP	B/O	IN	I	S	OUT
	TRANSFERT ST-JEROME LE 09/11										
26	ROUND SS 1/2 303 RANDOM RSS-12303-V 5727 4 X 12' HEAT AC11066-JG-13/11	32.02	48.00	PI_\$CLB			4x				
27	FLAT CR 1/4 X 3/4 1018 RANDOM FCR-1434-V 2753 1 X 12' R/L HEAT	7.66	12.00	PI_\$CLB			1x 12'2"				
28	ROUND 4140 HEAT TREAT 3/4 RANDOM R4140-34H-V 4949 1 X 6' HEAT	9.01	6.00	PI_\$CLB			1x 6'				

SP 17-11-19

NIR : R-109516-6

Next Page...



DELIVERY - CLIENT

CO00060831

ACIER OUELLETTE INC.

935, Boul. du Hâvre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N° CL10001056

Date 2017/11/07

Delivery date 2017/11/09

Your order N° 38285

Processed by Josianne Bourdon

Salesman

Carrier OUELLETTE VALLEYFIELD

Credit Terme Net 30 Days

Page 9

Billed to

DART AEROSPACE LTD

1270 , ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Instruction F-M

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only		
				CMD	EXP	B/O	IN	I	S C
COUPE A LA SCIE SCIE 1		1.00	UN						

Conditions :

All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Total Weight (Lbs) : 1 303.69

NIR : R-109516-6

Prepared By :

Verified By :

Delivered By : Time

Y	M	D

Customer's Signature

Date

Total (\$CAD)



DELIVERY - CLIENT

CO00060833

ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N°

CLI0001056

Date

2017/11/07

Delivery date

2017/11/09

Your order N°

38285

Processed by

Josianne Bourdon

Salesman

Carrier

OUELLETTE VALLEYFIELD

Credit Terme

Net 30 Days

Page

1

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

1

Page

Instruction	Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only		
					CMD	EXP	B/O	IN	I	S C
1	FLAT ALU 1/2 X 2 6061-T6 RANDOM FAL-122-V 2481 1 X 20'	23.98	20.00	PI_\$CLB		1X20				
2	ROUND ALU 3/4 6061-T6 RANDOM RAL-34-V 5157 1 X 20'	10.46	20.00	PI_\$CLB		1X20				

Total Weight (Lbs) : 34.44

NIR : R-109516-6

Conditions :
All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Total (\$CAD)

Prepared By : NM	Verified By :	Delivered By :	Time	Y	M	D	Date
---------------------	---------------	----------------	------	---	---	---	------

Customer's Signature



DELIVERY - CLIENT

CO00060835

ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N°

CLI0001056

Date

2017/11/07

Delivery date

2017/11/09

Your order N°

38285

Processed by

Josianne Bourdon

Salesman

Ontario,

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Carrier

OUELLETTE VALLEYFIELD

Credit Terme

Net 30 Days

Page

1

Shipped to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Instruction F-M

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only		
				CMD	EXP	B/O	IN	I	S C
1 FLAT CR 1 X 6 1018 RANDOM FCR-16-V 2775	122.40	6.00	PI_\$CLB						
1 X 6' COUPE A LA SCIE SCIE 1		1.00	UN						

Total Weight (Lbs) : 122.40

NIR : R-109516-6

Conditions :

All sold and delivered materials remain the property of "Acier Ouellette Inc." until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By : 	Verified By :	Delivered By :	Time
Customer's Signature			Date

Total (\$CAD)



ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Order - Sales

Copy CO00060831

Customer N° CLI0001056

Date 2017/11/07

Delivery date 2017/11/09

Your order N° 38285

Processed by Josianne Bourdon

Salesman

Carrier OUELLETTE VALLEYFIELD

Credit Terme Net 30 Days

Page 1

Shipped to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Alt : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only		
				CMD	EXP	B/O	IN	I	S C
1 ROUND SS 3/4 17-4PH NS RSS-34174 9268 2 X 12' HEAT: AC11066-JG-13/11	36.05	24.00	PI_\$CLB	2.00		2X			OUT
2 ALU SHEET .032 (20G) 2024-T3 (4 X 12) BARE FEAL-0324122024 3093 1 X 4' X 12' HEAT: AC11063-SA-13/11	21.65	48.00	PI2_\$CLB	1.00		1X			
3 FLAT ALU 1 X 2 6061-T6 RANDOM DAS FAL-12-V 2497 9 1 X 20' HEAT: SDX170413 9-09	48.00	20.00	PI_\$CLB	1.00					
4 FLAT ALU 1 1/2 X 2 6061-T6 RANDOM DAS FAL-1122-V 2440 9 1 X 12' HEAT: 365189 9-09	42.34	12.00	PI_\$CLB	1.00					

NIR : R-109516-6

Next Page...



Order - Sales

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ACIER OUELLETTE INC.
935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N° CLI0001056

Date 2017/11/07

Delivery date 2017/11/09

Your order N° 38285

Shipped to

DART AEROSPACE LTD

1270 , ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Processed by Josianne Bourdon

Salesman

Carrier OUELLETTE VALLEYFIELD

Credit Terme Net 30 Days

Page 2

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only		
				CMD	EXP	B/O	IN	I	S C OUT
⑤ FLAT ALU 1 1/2 X 4 6061-T6 RANDOM FAL-1124-V 2447 1 X 12' HEAT: 201704805 DAS 9 9-80	84.59	12.00	PI_\$CLB	1.00					
⑥ FLAT ALU 1 1/4 X 2 6061-T6 RANDOM FAL-1142-V 2456 2 X 12' HEAT: 305790 DAS 9 9-80	70.56	24.00	PI_\$CLB	2.00					
⑦ ALU PLATE 2 6061-T651 RANDOM PAL-26061-V 7470 1 X 3 1/2" X 72" HEAT COUPE A LA SCIE SCIE 1 MATERIEL DOIT ETRE STAMPER	57.28	2.00	PI2_\$CLB	1.00		/X			

NIR : R-109516-6

Next Page...



ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Order - Sales

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Customer N° CLI0001056

Date 2017/11/07

Delivery date 2017/11/09

Your order N° 38285

Processed by Josianne Bourdon

Salesman

Carrier OUELLETTE VALLEYFIELD

Credit Terme Net 30 Days

Page 3

Shipped to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only		
				CMD	EXP	B/O	IN	I	S C
TRANSFERT ST-JEROME LE 09/11									
9 FLAT ALU 1 1/2 X 3 6061-T6 RANDOM FAL-1123-V 2445	31.75	6.00	PI_\$CLB	0.00					
1 X 6' HEAT : 52246				1.00					
COUPE A LA SCIE		1.00	UN						
SCIE 1									
10 FLAT ALU 3/4 X 2 6061-T6 RANDOM FAL-342-V 2592	36.36	20.00	PI_\$CLB	1.00					
1 X 20' HEAT : 70630									
11 FLAT ALU 3/4 X 1 6061-T6 RANDOM FAL-341-V 2588	17.62	20.00	PI_\$CLB	1.00					
1 X 20' HEAT : 382828									

NIR : R-109516-6

Next Page...



Order - Sales

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CO00060831

ACIER OUELLETTE INC.
935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N°

2017/11/07

Delivery date

2017/11/09

Your order N°

38285

Processed by

Josianne Bourdon

Salesman

OUELLETTE VALLEYFIELD

Credit Terme

Net 30 Days

Page

4

Shipped to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Product Description	Weight	Qty	U/M	PCS NB		Internal Use Only			
				CMD	EXP	B/O	IN	I	S C OUT
12 ROUND ALU 5/8 6061-T6 RANDOM RAL-58-V 5169 1 X 20' HEAT: 66092 DAS 9 9-84	7.22	20.00	PL \$CLB	1.00					
13 ROUND ALU 1 6061-T6 RANDOM RAL-1-V 5141 2 X 20' HEAT: 36585 DAS 9 9-84	37.00	40.00	PL \$CLB	2.00					
14 ROUND ALU 1 1/4 6061-T6 RANDOM RAL-114-V 5121 2 X 20' HEAT: 68467 DAS 9 9-84	57.64	40.00	PL \$CLB	2.00					
15 ROUND ALU 3 1/4 6061-T6 RANDOM RAL-314-V 5152 3 X 12' HEAT: AC11063-SA-13/11	350.64	36.00	PL \$CLB	3.00		3X			

NIR : R-109516-6

Next Page...



ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Order - Sales

Copy CO00060831

Customer N° CLI0001056

Date 2017/11/07

Delivery date 2017/11/09

Your order N° 38285

Processed by Josianne Bourdon

Salesman

Carrier OUELLETTE VALLEYFIELD

Credit Terme Net 30 Days

Page 5

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only			
				CMD	EXP	B/O	IN	I	S	OUT
16 ALU SHEET .020 (24G) 6061-T6 (4 X 12) FEAL-0204126061 3048 1 X 4' X 12' HEAT MATERIEL DOIT ETRE STAMPER TRANSFERT ST-JEROME LE 09/11	13.54	48.00	PI2_SCLB	1.00		1X				
18 ALU SHEET .040 (18G) 6061-T6 RANDOM FEAL-0406061-V 3131 3 X 4' X 12' HEAT TRANSFERT ST-JEROME LE 09/11	81.07	144.00	PI2_SCLB	0.00 3.00		3X				
20 ALU SHEET .064 (14G) 6061-T6 (4 X 8) FEAL-064486061 3175 2 X 4' X 8' HEAT	57.66	64.00	PI2_SCLB	0.00 2.00		2X				

NIR : R-109516-6

Next Page...



Order - Sales

CO00060831

Copy

ACIER OUELLETTE INC.
935, Boul. du Hâvre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Customer N°

2017/11/07

Delivery date

38285

Your order N°

Processed by

Salesman

Carrier

Credit Terme

Page

CLI0001056

2017/11/07

2017/11/09

38285

Josianne Bourdon

OUELLETTE VALLEYFIELD

Net 30 Days

6

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only		
				CMD	EXP	B/O	IN	I	S C
TRANSFERT ST-JEROME LE 09/11				0.00					OUT
MATERIEL DOIT ETRE STAMPE									
22 ALU SHEET .081 (12G) 6061-T6 (4 X 8)	36.51	32.00	PI2_\$CLB	1.00					
FEAL-081486061 3199									
1 X 4' X 8' HEAT : 358972									
23 ALU SHEET 3/16 6061-T6 (4 X 8) 9-80	85.92	32.00	PI2_\$CLB	1.00					
FEAL-316486061 4271									
1 X 4' X 8' HEAT ZB161046101									
24 SQUARE SS 1 SS304 RANDOM	81.60	24.00	PI1_\$CLB	2.00					
CSS-1-V 2085									
2 X 12' R/L HEAT									

NIR : R-109516-6

Next Page...



ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Order - Sales

Copy CO00060831

Customer N°

CLI0001056

Date

2017/11/07

Delivery date

2017/11/09

Your order N°

38285

Processed by

Josianne Bourdon

Salesman

OUELLETTE VALLEYFIELD

Credit Terme

Net 30 Days

Page

7

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only		
				CMD	EXP	B/O	IN	I	S C OUT
TRANSFERT ST-JEROME LE 09/11 26 ROUND SS 1/2 303 RANDOM RSS-12303-V 5727 4 X 12' HEAT AC11066-JG-13/11	32.02	48.00	PL_\$CLB	0.00					
27 FLAT CR 1/4 X 3/4 1018 RANDOM FCR-1434-V 2753 1 X 12' R/L HEAT : 3071113	7.66	12.00	PL_\$CLB	1.00					
28 ROUND 4140 HEAT TREAT 3/4 RANDOM R4140-34H-V 4949 1 X 6 HEAT: M52573 COUPE A LA SCIE SCIE 1	9.01	6.00	PL_\$CLB	1.00					

NIR : R-109516-6

Next Page...



ACIER OUELLETTE INC.
935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 MB: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 MU: 514-336-4246 Ext.: 866-456-4242

Order - Sales

Copy CO00060831

Customer N°

CLI0001056

Date

2017/11/07

Delivery date

2017/11/09

Your order N°

38285

Processed by

Josianne Bourdon

Salesman

OUELLETTE VALLEYFIELD

Carrier

Net 30 Days

Credit Terme

Page

8

Shipped to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only		
				CMD	EXP	B/O	IN	I	S C
SURCHARGE ENERGETIQUE FRAIS_ENERGETIQUE			\$	0.00					OUT

Total Weight (LBS): 1 303.69

NIR : R-109516-6

Conditions :
All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By :

Verified By :

Time

Delivered By :

Customer's Signature

Y M D

Total (\$CAD)

5 364.58

Deposit

0.00

Balance

5 364.58



ACIER OUELLETTE INC.
935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Order - Sales

Copy CO00060833

Customer N° CL10001056

Date 2017/11/07

Delivery date 2017/11/09

Your order N° 38285

Processed by Josianne Bourdon

Salesman

Carrier OUELLETTE VALLEYFIELD

Credit Terme Net 30 Days

Page 1

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Product Description	Weight	Qty	U/M	PCS NB		Internal Use Only		
				CMD	EXP	B/O	IN	I S C OUT
1 FLAT ALU 1/2 X 2 6061-T6 RANDOM FAL-122-V 2481 1 X 20' HEAT 68289	23.98	20.00	PI_SCLB	1.00				
2 ROUND ALU 3/4 6061-T6 RANDOM RAL-34-V 5157 1 X 20' HEAT 68706	10.46	20.00	PI_SCLB	1.00				

Total Weight (LBS) : 34.44

NIR : R-109516-6

Conditions :

All sold and delivered materials remain the property of "Acier Ouellette Inc." until payment is made in full, complete and cashed. All test materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and endorsed by the manufacturer and its warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, lost or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By :

Delivered By :

Customer's Signature

Y M D

Total (\$CAD)

Deposit

Balance

96.90

0.00

96.90



ACIER QUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Order - Sales

Copy CO00060835

Customer N° CL10001056

Date 2017/11/07

Delivery date 2017/11/09

Your order N° 38285

Processed by Josianne Bourdon

Salesman

Carrier OUELLETTE VALLEYFIELD

Credit Terme Net 30 Days

Page 1

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only		
				CMD	EXP	B/O	IN	I	S C OUT
1 FLAT CR 1 X 6 1018 RANDOM FCR-16-V 2775 1 X 6' heat: 3066812 COUPE A LA SCIE SCIE 1	122.40	6.00	PI_\$CLB	1.00					
		1.00	UN						

Total Weight (LBS) : 122.40

NIR : R-109516-6

Conditions :
All sold and delivered materials remain the property of "Acier Quellette Inc." until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Quellette Inc." is the same as offered and negotiated by the manufacturer and this warranty is transferred by "Acier Quellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By : Verified By :

Delivered By : Time

Customer's Signature

Y M D

Total (\$CAD)

Deposit

Balance

206.25

0.00

206.25



935, Boul. du Hâvre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

VIVEZ - JAMES

COPY

0000060835

Customer N° CL10001056

Date 2017/11/07

Delivery date 2017/11/09

Your order N° 38285

Processed by Josianne Bourdon

Salesman

Carrier OUELLETTE VALLEYFIELD

Credit Terme Net 30 Days

Page 1

Billed to

DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,
Att : CHANTAL LAVOIE Tél.: 613-632-5200
Delivery Route 5

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only		
				CMD	EXP	B/O	IN	I	S C OUT
1 FLAT CR 1 X 6 1018 RANDOM FCR-16-V 2775 1 X 6' heat: 3066812 COUPE A LA SCIE SCIE 1	122.40	6.00	PL_SCLB	1.00					
Total Weight (LBS) : 122.40				NIR : R-109516-6					

REQU LE 08 NOV. 2017

Conditions :

All sold and delivered materials remain the property of "Acer Ouellette Inc." until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acer Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acer Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By :

Verified By :

Delivered By : Time

Customer's Signature

Y M D

Total (\$CAD)

Deposit

Balance

206.25

0.00

206.25

**ACIER OUELLETTE INC.**

935, Boul. du Havre . .
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Invoice

FC00062517

Sold to

DART AEROSPACE LTD

1270 , ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

shipped to

, Ontario,

Att : Facturation

Customer N°

CLI0001056

Date

2017/11/10

Your order N°

38285

Processed by

Melanie

Salesman

JOSIANNE

Carrier

OUELLETTE VALLEYFIELD

Credit Term

Net 30 Days

Order N°

CO00060831

Page

2

Product N° and description	Weight	Qty	U/M	Qty	U/M	Price	Pcs Nb	Price	Amount
TRANSFERT ST-JEROME LE 09/11	0.00								
PLAT ALU 1 1/2 X 3 6061-T6 RANDOM AL-1123-V 1 X 6' HEAT: 2445 52246	31.75	6.00	PI_\$CLB	6.00	PI		1.00	94.440	84.44
PLAT ALU 3/4 X 2 6061-T6 RANDOM AL-342-V 1 X 20' HEAT: 2592 70630	36.36	20.00	PI_\$CLB	20.00	PI		1.00	107.610	107.61
PLAT ALU 3/4 X 1 6061-T6 RANDOM AL-341-V 1 X 20' HEAT: 2588 382828	17.62	20.00	PI_\$CLB	20.00	PI		1.00	52.150	52.15
ROUND ALU 5/8 6061-T6 RANDOM AL-58-V 1 X 20' HEAT: 5169 66092	7.22	20.00	PI_\$CLB	20.00	PI		1.00	21.370	21.37
ROUND ALU 1 6061-T6 RANDOM AL-1-V 1 X 20' HEAT: 5141 36585	37.00	40.00	PI_\$CLB	40.00	PI		2.00	49.200	98.40
ROUND ALU 1 1/4 6061-T6 RANDOM AL-114-V 1 X 20' HEAT: 5121 68467	57.64	40.00	PI_\$CLB	40.00	PI		2.00	76.645	153.29
ROUND ALU 3 1/4 6061-T6 RANDOM AL-314-V 3 X 12' HEAT: 5152 37876 CORRECTION * 4C11063-SA-13/11	0.00	0.00	PI_\$CLB	0.00	PI		3.00	369.283	0.00
ALU SHEET .020 (24G) 6061-T6 (4 X 12) EAL-0204126061 1 X 4' X 12' HEAT: 3048 MATERIEL DOIT ETRE STAMPER	0.00	0.00	PI2_\$CLB	0.00	UN		1.00	83.370	0.00

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T620150
 DATE: 11.11.19

PO / BATCH NO.: 038255/8008431

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 20'
 QUANTITY INSPECTED: 20'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.750"
 THICKNESS RECEIVED: 0.750"
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL PER M-DRAWING	(Y)	N	<u>As per B-221-14</u>
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT REF # TO LINK CERT	(Y)	N	<u>Heat # 68706</u>
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>[Signature]</u> DAS 9 9-60 DATE: <u>11.11.19</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR

SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

PART NUMBER: M6061T6R1D.DDD | DIA.

WHERE "D.DDD" = DIAMETER IN INCHES

EG. 5/8" ROUND BAR = M6061T6R0.625

RELEASED
R 2009-09-09
NAD

B	REFORMAT DWG. ADD B211 & B221 SPEC (ZN D8-1), REF PAR 08-020A	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV.	DESCRIPTION	BY	DATE
DESIGN	<i>[Signature]</i>		
DRAWN	<i>[Signature]</i>		
CHECKED	<i>[Signature]</i>		
MFG. APPR.	<i>[Signature]</i>		
APPROVED	<i>[Signature]</i>		
DE APPR.	<i>[Signature]</i>		
DATE	09.07.13		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		REV. B	
DRAWING NO. M6061T6R		SHEET 1 OF 1	
TITLE 6061-T6 ROUND BAR		SCALE NTS	
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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M60617680-000X2000

PO / BATCH NO.: 088255/3004430

DATE: 17.11.19

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: .500"

QUANTITY RECEIVED: 20'

THICKNESS RECEIVED: .500"

QUANTITY INSPECTED: 20'

SHEET SIZE ORDERED: N/A

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL PER M-DRAWING	(Y)	N	<u>ASTM B-221-28</u>
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT REF # TO LINK CERT	(Y)	N	<u>Heat # 68289</u>
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>9.200</u> DATE: <u>17.11.19</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

PART NUMBER: M6061T6B | T.TTT | X | WW.WWW | THICK | WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES
"WW.WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

RELEASED
R 2009-05-03
MAD

B	REMOVE QQ-A-250/11 OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (Zn D17-1)	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV.	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN	DS		
CHECKED	DS		
MFG. APPR.	DS		
APPROVED	DS		
DE APPR.	DS		
DATE	09.07.13		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWING NO. M6061T6B		REV. B	
TITLE 6061-T6 BAR		SHEET 1 OF 1	
SCALE NTS		DATE	
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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6B1.500X3.000

PO / BATCH NO.: 035285 / S004120

DATE: 17.11.16

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 6'
 QUANTITY INSPECTED: 6'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 2.500"
 THICKNESS RECEIVED: 1.500"
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL PER M-DRAWING	(Y) N	<u>ASTM B221 / SB221</u>
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT REF # TO LINK CERT	(Y) N	<u>Heat # 52246</u>
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 9 1/11/16</u> DATE: <u>17.11.16</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
~~OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)~~
~~OR ASTM B211 OR ASTM B221~~

PART NUMBER:  M6061T68 | T.TTT | X | WWW.WWW |
THICK | WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES
"WWW.WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

RELEASED
R 2009-09-03

B	REMOVE QQ-A-200/11 OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (Zn D7-1)	CP	09 07 13
A	NEW ISSUE	DS	01 06 08
REV	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN	DS		
CHECKED	DS		
MFG. APPR.	DS		
APPROVED	DS		
DE APPR.	DS		
DATE	09.07.13		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWING NO. M6061T6B			
REV. B			
SHEET 1 OF 1			
TITLE			
6061-T6 BAR			
SCALE			
NTS			
COPYRIGHT © 2001 BY DART AEROSPACE LTD THIS DOCUMENT CONTAINS NO CONFIDENTIAL INFORMATION AND IS NOT TO BE USED FOR ANY OTHER PURPOSE WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD			

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M1018B125X0.750

PO / BATCH NO.: 038285/3008428

DATE: 11-11-19

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: .750 .125"

QUANTITY RECEIVED: 12'

THICKNESS RECEIVED: .750 .125"

QUANTITY INSPECTED: 12'

SHEET SIZE ORDERED: N/A

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y N	N/A for dent tooling use only P12
CORRECT THICKNESS	<input checked="" type="radio"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y N	3071118
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 9</u> DATE: <u>11-11-19</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

Test de dureté Rockwell Rockwell Hardness Test

Client / Customer : **LES ACIERS TRANSBEC (1997) LTEE.**

Adresse / Address : **4054 BOUL. LE CORBUSIER, #201
LAVAL, QC
H7L5R2**

commande Sapa / Sapa order # : **7011453**

bon de commande / Purchase order # : **OU-47404**

de matrice / Die # : **MS 9435**

Description : **2"X.5"FLAT BAR** ←

Alliage & trempage / Alloy & temper : **6061 T6** Longueur / Length : **6096 mm**

Contrôle / Control # : **84114-1**

Coulée / Cast # : **68289**

Dureté Rockwell E / Min. requis / Max. permis /
Rockwell E hardness : **95 HRE** Min. required : **88 HRE** Max. permitted : **100 HRE**


Composition chimique typique / Typical chemical composition :

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti
6063	0.20 - 0.60	0.35 Max	0.10 Max	0.10 Max	0.45 - 0.90	0.10 Max	0.10 Max	0.10 Max
6005	0.60 - 0.90	0.35 Max	0.10 Max	0.10 Max	0.40 - 0.60	0.10 Max	0.10 Max	0.10 Max
6005A	0.66 - 0.74	0.14 - 0.28	0.08 - 0.16	0.18 - 0.26	0.46 - 0.54	0.03 Max	0.05 Max	0.05 Max
6061	0.40 - 0.80	0.70 Max	0.15 - 0.40	0.15 Max	0.80 - 1.20	0.04 - 0.35	0.25 Max	0.15 Max
6351	0.7 - 1.3	0.5 Max	0.10 Max	0.40 - 0.80	0.40 - 0.80	---	0.20 Max	0.20 Max

Nous certifions que le matériel fourni rencontre les exigences chimiques telles qu'annoncées par la norme **ASTM B-221-14** excepté pour la section 8.2 (nombre de spécimen) .

We hereby certify that the material supplied meets the chemical properties as published by the ASTM B-221-14 except for section 8.2 (number of specimen) .

Sincèrement vôtre, date : **2017-02-09**
Yours truly,


Gilles Pelletier
Technicien de la qualité
Quality technician

FAC-1235

Test de dureté Rockwell Rockwell Hardness Test

Client / Customer : LES ACIERS TRANSBEC (1997) LTEE.

Adresse / Address : 4054 BOUL. LE CORBUSIER, #201
LAVAL, QC
H7L5R2

commande Sapa / Sapa order # : 7020941

bon de commande / Purchase order # : OU-47416

de matrice / Die # : MS 9909

Description : 3/4" ROD

Alliage & trempage / Alloy & temper : 6061 T6 Longueur / Length : 6097 mm

Contrôle / Control # : 85611-1

Coulée / Cast # : 68706

Dureté Rockwell E /
Rockwell E hardness : 91 HRE

Min. requis /
Min. required : 88 HRE

Max. permis /
Max. permitted : 100 HRE

Composition chimique typique / Typical chemical composition :

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti
6063	0.20 - 0.60	0.35 Max	0.10 Max	0.10 Max	0.45 - 0.90	0.10 Max	0.10 Max	0.10 Max
6005	0.60 - 0.90	0.35 Max	0.10 Max	0.10 Max	0.40 - 0.60	0.10 Max	0.10 Max	0.10 Max
6005A	0.66 - 0.74	0.14 - 0.28	0.08 - 0.16	0.18 - 0.26	0.46 - 0.54	0.03 Max	0.05 Max	0.05 Max
6061	0.40 - 0.80	0.70 Max	0.15 - 0.40	0.15 Max	0.80 - 1.20	0.04 - 0.35	0.25 Max	0.15 Max
6351	0.7 - 1.3	0.5 Max	0.10 Max	0.40 - 0.80	0.40 - 0.80	---	0.20 Max	0.20 Max

Nous certifions que le matériel fourni rencontre les exigences chimiques telles qu'annoncées par la norme ASTM B-221-14 excepté pour la section 8.2 (nombre de spécimen).

We hereby certify that the material supplied meets the chemical properties as published by the ASTM B-221-14 except for section 8.2 (number of specimen).

Sincèrement vôtre,
Yours truly,

date : 2017-03-28

Daniel Alfredo Pelletier
Directeur Qualité
Quality Director

2497

C74066

**GVA**
Global Vietnam
Aluminium Co., Ltd

GLOBAL VIETNAM ALUMINIUM COMPANY LIMITED

Address: MY XUAN BI-CONAC INDUSTRIAL ZONE, MY XUAN TOWN, TAN THANH DISTRICT,
BA RIA VUNG TAU PROVINCE, VIETNAM

Tel: +84(0)643924954

Fax: +84(0)643924953

MILL TEST CERTIFICATE

Date: 14 April, 2017

Consignee: SINOPEC TRADING INC.

4455 RUE COUSSENS SAINT-LAURENT, QC, H4S 1X5, CANADA

PO number: P-17065

Shipping Ref No.: 17-0456

LC No.: DC HMN711129

Date of issue: 24 March, 2017

Item Code: 1015300

Die Number: D00227

Alloy & Temper: 6061-T6511

Production Description: FLAT BAR SC 1.000 X 2.00 X 144" 6061-T6511 D00227

Length (inch): 144

Bundle number: P-17065-384

Heat Number: SXD170413

Date: 02/04/2017

Applicable Specifications: ASTM B221 STANDARDS

DAS

9

9-80

CHEMICAL ANALYSIS: %

Si	Mg	Fe	Cu	Mn	Cr	Zn	Ti	Al	Other		Remark:
									EACH	TOTAL	
0.620	0.906	0.160	0.243	0.019	0.080	0.012	0.017	97.894	<0.05	<0.10	30/03/2017

MECHANICAL ANALYSIS:

Ult. Strength (ksi)	Yield Strength (ksi)	Elongation % LN 2"	Remark:
39.6	35.7	10.8	30/03/2017

All profiles, each profile with each MTC, showing material shipped match aluminium alloy as per standard, with chemical analysis and mechanical analysis to match aluminium alloy standard.

We hereby certify that the item listed have been checked and tested in accordance with the specifications noted and have been found to meet all the applicable requirements. Certifications are kept on file for 36 months from the date of purchase and are available for review upon request, referring to ASTM and the PO number.

Quality Manager

TRUNG TÂM KIỂM NGHIỆM CÔNG TY
TNHH NHÔM TOÀN CẦU VIỆT NAM
GLOBAL VIETNAM ALUMINIUM
CO., LTD TESTING CENTER

R378797



TEL: (416)745-4444 FAX: (416)745-0925 1-800-668-7210
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4
<http://www.extrudex.com>

MILL TEST

S795	CERT CODE: 9	DIE NUMBER S 4659	DATE OF SHIPMENT Mar/23/2017	EXTRUDEX ORDER NO. 203596 — 16	MANIFEST NO. 367427
1582	CUSTOMER PO C74143	ALLOY 6061	TEMPER T6511	SALESMAN HOUSE ACCOUNTS	MADE IN CANADA
SO DESCRIPTION 2"x1.5" Flat Bar	CUSTOMER PART NUMBER V836591	PART DESCRIPTION 2"x1.5" Flat Bar		CERTIFICATION ASTM B221-14	AMS QQA 200/B

Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness Rockwell F	Conductivity
A.11	6061	Mar/22/2017	48.70	45.60	12.70	93.0, 93.2, 93.4	

Chemical Composition

Cast Number	Lot	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
385189	045	A.11	6061	0.59	0.16	0.2	0.04	0.84	0.07	0	0.01	0.01	0	0	0	0	0	0	0	0	0	0

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

David Natale
Quality Control Manager

1 - CUSTOMER COPY



Service Center Metals

5850 Quality Way
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS



OUR ORDER NUMBER	ITEM
289111	12

MANIFEST NUMBER	327714	DIE NUMBER	RB0142	DATE OF SHIPMENT	3/29/2017
CUSTOMER PO	C74189	ALLOY/TEMPER	6061-T6511	SALESPERSON	D. Schroeder (Canada)
CUSTOMER PART NUMBER	V830291-MRB0467	DESCRIPTION	SCRB 1.500X4.000		

CERTIFICATION	ASTM-B221-14 No Stencil
SPECIFICATION	AMS-QQA-200/8 Rev-A

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. This product is RoHS-2, REACH, and DFARS compliant.

Mechanical Properties

Tests	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
2	201704805	3/26/17	min 51.00 max 51.20	min 47.20 max 47.20	min 17.30 max 18.30

Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Each	Total	Melt Source:
03191702	201704805	6061	0.77	0.40	0.33	0.11	0.85	0.11	0.08	0.02	97.33	0.05	0.15	United States of America

SCM products are melted and extruded in the USA

Calvin J. Wiggins, Director of Quality & Technical Services

Print Date: 3/29/2017

Rev 3/2015

#2456
CAN ART
ALUMINUM EXTRUSION L.P.

FAL-1142-12

PO. 9353
48746

Material Test Report

Manifest: 709584

Ticket:
1698543

Our Order: 879031 - 1 Cust P.O.: 791663
Die: ES04038 Part: 160001442
Alloy Temper: 6061 T6511 Description: 1.250 x 2.000 RECT. BAR
Print Date: 6/22/17

Chemical Composition										
Cast Num	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Maximum	
									Other Each	Other Total
<u>3B5790</u>	0.60	0.17	0.22	0.04	0.81	0.06	0.01	0.02	0.05	0.15

Mechanical Properties						
Strength ksi						
Sample ID	Cast #	Lot #	Test Date	Ultimate Tensile	Yield 2% offset	Elongation 2" gage length
71383	3B5790	A11	6/14/17	44.71	41.46	15.5

Applicable Specifications: ASTM B221-14 AMS-QQ-A200/8A

Country of Origin: ONTARIO, CANADA

Can Art Aluminum Extrusion Inc. certifies that materials shipped under this order have been inspected and tested in accordance with Aluminum Association and agreed upon customer specifications. Can Art assumes no liability for additional costs which may be incurred during the customer's manufacture and sale of its products, and is subject only to the replacement of any materials not within agreed upon specifications provided written notification is received by Can Art within 30 days from the date of shipment.

Eric Houtte - Tensile Testing

Authorized:


Evan Eng, Quality Assurance Manager

#20145

ROCKWELL TEST

Customer	Date	Location
LES ACIERS	10/11/2011	Mississauga
Customer.# 61562		Order # 1091038
Control # 11809-1		P.O. # OU-35922
Cust Part # 3" X 1 1/2" Rect. Bar		Die # AS 8030
Alloy & Temper 6061 T6		Cast # 52246

Test results

ROCKWELL R_E

Min. Required	88
Actual	94

Typical Chemistry 1 6061

Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti
0.4-0.8	0.7mx	0.15-0.4	0.15mx	0.8-1.2	0.04-0.35	0.05mx	0.2mx	0.20mx

Tensile testing is performed according to ASTM B557.84 requirements
 Mechanical test results conform to specifications for ~~ASTM B221/SB221~~
 The aluminum extrusions tested meet the chemical composition requirements of the alloy specified.

Test certified by Anil Verma

Date 10/11/2011

Sapa Extrusion
 5675 Kennedy Rd.
 Mississauga, ON, L4Z 2H9

Tel: (905) - 890 - 8821
 Fax: (905) - 890 - 3670

FA 1123

1 RA 175 2

2592

Test de dureté Rockwell
Rockwell Hardness Test

FAL-342-7 2592

Client / Customer : LES ACIERS TRANSBEC (1997) LTEE.

Adresse / Address : 4054 BOUL. LE CORBUSIER # 201
LAVAL, QC
H7L5R2

commande Sapa / Sapa order # : 7100203

bon de commande / Purchase order # : OU-48345

de matrice / Die # : MS 15953 Description: 2x3/4" FLAT BAR

Alliage & trempage / Alloy & temper : 6061 T6 Longueur / Length : 6096 mm

Contrôle / Control # : 563-1

Coulée / Cast # : 70630

Dureté Rockwell E / Min. requis / Max. permis /
Rockwell E hardness : 94 HRE Min. required : 88 HRE Max. permitted : 100 HRE

Composition chimique typique / Typical chemical composition :

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti
6063	0.20 - 0.60	0.35 Max	0.10 Max	0.10 Max	0.45 - 0.90	0.10 Max	0.10 Max	0.10 Max
6005	0.60 - 0.90	0.35 Max	0.10 Max	0.10 Max	0.40 - 0.60	0.10 Max	0.10 Max	0.10 Max
6005A	0.66 - 0.74	0.14 - 0.28	0.08 - 0.16	0.18 - 0.26	0.46 - 0.54	0.03 Max	0.05 Max	0.05 Max
6061	0.40 - 0.80	0.70 Max	0.15 - 0.40	0.15 Max	0.80 - 1.20	0.04 - 0.35	0.25 Max	0.15 Max
6351	0.7 - 1.3	0.5 Max	0.10 Max	0.40 - 0.80	0.40 - 0.80	...	0.20 Max	0.20 Max

Nous certifions que le matériel fourni rencontre les exigences chimiques telles qu'annoncées par la norme ASTM B-221-14 excepté pour la section 8.2 (nombre de spécimen) .

We hereby certify that the material supplied meets the chemical properties as published by the ASTM B-221-14 except for section 8.2 (number of specimen) .

Sincèrement vôtre, date : 2017-10-30
Yours truly,

Daniel Alfredo Pelletier
Directeur Qualité
Quality Director

2588

MILL TEST

CERT CODE:	DIE NUMBER	DATE OF SHIPMENT	ORDER NO.	MANIFEST NO.
	S 2444	Jun/27/2016	194907 - 5	351750
CUSTOMER PO C72843X	ALLOY 6061	SALESMAN HOUSE ACCOUNTS	MADE IN CANADA	
CUSTOMER PART NUMBER V836442	PART DESCRIPTION 3/4"X1" FLAT BAR	CERTIFICATION ASTM B221-14 - AMS QQA 2008		
SO DESCRIPTION 3/4"X1" FLAT BAR		SPECIFICATION Samuel sind shapes		

Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness Rockwell E	Conductivity
A.11	6061	Jun/18/2016	45.10	40.70	16.10	89.7, 90.3, 90.0	

Chemical Composition

Cast Number	Lot	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
382828	A.11	6061	0.61	0.15	0.22	0.04	0.89	0.07	0	0.01	0.01	0	0	0	0	0	0	0	0	0	0	Remainder

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

David Natale
Quality Control Manager

3169

45454

68623

RAL 58

Test de dureté Rockwell Rockwell Hardness Test

Client / Customer : **LES ACIERS TRANSBEC (1997) LTEE.**

Adresse / Address : **4054 BOUL. LE CORBUSIER, #201
LAVAL, QC
H7L5R2**

commande Sapa / Sapa order # : **6031289**

bon de commande / Purchase order # : **OU-45668**

de matrice / Die # : **MS 9907**

Description : **5/8" DIA ROD**

Alliage & trempage / Alloy & temper : **6061 T6** Longueur / Length : **6097 mm**

de contrôle / Control # : **65547-1**

de coulée / Cast # :

66092

DAS
9
9.89

Dureté Rockwell E /
Rockwell E hardness : **93 HRE**

Min. requis /
Min. required : **88 HRE**

Max. permis /
Max. permitted : **100 HRE**

Composition chimique typique / Typical chemical composition :

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti
6063	0.20 - 0.60	0.35 Max	0.10 Max	0.10 Max	0.45 - 0.90	0.10 Max	0.10 Max	0.10 Max
6005	0.60 - 0.90	0.35 Max	0.10 Max	0.10 Max	0.40 - 0.60	0.10 Max	0.10 Max	0.10 Max
6005A	0.66 - 0.74	0.14 - 0.28	0.08 - 0.16	0.18 - 0.26	0.46 - 0.54	0.03 Max	0.05 Max	0.05 Max
6061	0.40 - 0.80	0.70 Max	0.15 - 0.40	0.15 Max	0.80 - 1.20	0.04 - 0.35	0.25 Max	0.15 Max
6351	0.7 - 1.3	0.5 Max	0.10 Max	0.40 - 0.80	0.40 - 0.80	---	0.20 Max	0.20 Max

Nous certifions que le matériel fourni rencontre les exigences chimiques telles qu'annoncées par la norme **ASTM B-221-14** excepté pour la section 8.2 (nombre de spécimen) .

We hereby certify that the material supplied meets the chemical properties as published by the ASTM B-221-14 except for section 8.2 (number of specimen) .

Sincèrement vôtre,
Yours truly,

date : **2016-05-12**



Gilles Pelletier
Technicien de la qualité
Quality technician

VENDU A
ACIERS TRANSBEC (1997) LTÉE
4054, BOUL. LE CORBUSIER
#201
LAVAL, QC
H7L 5R2
NO CLIENT: 3693

LIVRÉ À
ACIER OUELLETTE
22, BOUL. J-F KENNEDY
ST-JEROME, QC J7Y 4B6
NO CLIENT: L-3693-3

NO DU BON	DATE DE LIVRAISON
120719	30/May/17
NIR:	
R-015478-2	NO DE TELEPHONE DUCIENT: 450-963-3693
NO COMMANDE CLIENT:	
OU-47807	REPRESENTANT: Guillaume Morin
CHAUFFEUR:	
JP COMEAU	NO COMMANDE EXTRUDER: 105013

NO ITEM	NO DE FILIERE	NO PIECE CLIENT	DESCRIPTION ALLAGE / TREMPAGE	LONGUEUR	FINITION	COMMANDE CLIENT NB/PIECES KILOS	A VENIR NB/PIECES KILOS	NO TICKET NB PSEES	EN LIVRAISON NB/PIECES KILOS	%
15	SA00582		TIGE RONDE 1" 6061/T6	6096mm	NATUREL MILL	60 500	0 0	402302	66 548	100.0%
							105013-15-1A1	1	66 548	
							Sous-Total:	1	66 548	

3 MILLTEST + CERT. CONFORMITE

Mill Test (Tensile Properties of Aluminum)

Test Date: 25/May/17

Order No.	Alloy	Temper	Yield (ksi)	Ultimate Tensile (ksi)	Total Elongation (%)	Hardness (Rockwell E)	Conductivity %	Report No.
105013-15-1A1	6061	T6	41.9	45.7	14.85	95.10		7142

Certificate of compliance (Certificat de conformité)

Norms: (ANSI H35.1-1997) & (ASTM B221)

Order No. Hardness (Webster) Cast No. CAST CHEMICAL COMPOSITION:

105013-15-1A	15	15	36S85	Al	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co
				98.02	0.57	0.20	0.19	0.06	0.86	0.06	0.00	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

VERIFICATION DE MATERIEL
DATE 30/05/17
VERIFIE PAR

SIGNATURE

SIGNATURE CLIENT:

DATE:

#5121

Test de dureté Rockwell Rockwell Hardness Test

Client / Customer : LES ACIERS TRANSBEC (1997) LTEE.

Adresse / Address : 4054 BOUL. LE CORBUSIER, #201
LAVAL, QC
H7L5R2

commande Sapa / Sapa order # : 7020941

bon de commande / Purchase order # : OU - 47416

de matrice / Die # : MS 9915

Description : 1.25" DIA. ROD

Alliage & trempage / Alloy & temper : 6061 T6 Longueur / Length : 6097 mm

Contrôle / Control # : 85609-1

Coulée / Cast # : 68467

DAS
9
9-89

Dureté Rockwell E / Min. requis / Max. permis /
Rockwell E hardness : 92 HRE Min. required : 88 HRE Max. permitted : 100 HRE

Composition chimique typique / Typical chemical composition :

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti
6063	0.20 - 0.60	0.35 Max	0.10 Max	0.10 Max	0.45 - 0.90	0.10 Max	0.10 Max	0.10 Max
6005	0.60 - 0.90	0.35 Max	0.10 Max	0.10 Max	0.40 - 0.60	0.10 Max	0.10 Max	0.10 Max
6005A	0.66 - 0.74	0.14 - 0.28	0.08 - 0.16	0.18 - 0.26	0.46 - 0.54	0.03 Max	0.05 Max	0.05 Max
6061	0.40 - 0.80	0.70 Max	0.15 - 0.40	0.15 Max	0.80 - 1.20	0.04 - 0.35	0.25 Max	0.15 Max
6351	0.7 - 1.3	0.5 Max	0.10 Max	0.40 - 0.80	0.40 - 0.80	---	0.20 Max	0.20 Max

Nous certifions que le matériel fourni rencontre les exigences chimiques telles qu'annoncées par la norme ASTM B-221-14 excepté pour la section 8.2 (nombre de spécimen) .

We hereby certify that the material supplied meets the chemical properties as published by the ASTM B-221-14 except for section 8.2 (number of specimen) .

Sincèrement vôtre, date : 2017-03-14
Yours truly,

Daniel Alfredo Pelletier
Directeur Qualité
Quality Director

RAL 114

#3199

CERTIFIED INSPECTION REPORT

APPROVED

DAVENPORT WORKS 4879 Shaw Street Birmingham, AL 35277

1. All products shall be inspected by a qualified inspector with a minimum of 10 years experience in the inspection of steel structures. The inspector shall be a member of the American Society of Nondestructive Testing (ASNT) and shall hold a valid ASNT Certificate in the appropriate level of certification for the type of inspection being performed. The inspector shall be independent of the manufacturer and shall not be employed by the manufacturer or its agent. The inspector shall be responsible for the inspection and shall sign the inspection report. The inspection report shall be submitted to the manufacturer and shall be retained by the manufacturer for a minimum of 10 years after the date of completion of the inspection.

2. The inspection shall be performed in accordance with the requirements of the American Institute of Steel Construction, Inc. (AISC) Specification for Structural Steel Buildings, 13th Edition, 2005, and the AISC Code of Practice for the Inspection of Steel Structures, 13th Edition, 2005. The inspection shall be performed in accordance with the requirements of the AISC Code of Practice for the Inspection of Steel Structures, 13th Edition, 2005. The inspection shall be performed in accordance with the requirements of the AISC Code of Practice for the Inspection of Steel Structures, 13th Edition, 2005.

3. The inspection shall be performed in accordance with the requirements of the American Institute of Steel Construction, Inc. (AISC) Specification for Structural Steel Buildings, 13th Edition, 2005, and the AISC Code of Practice for the Inspection of Steel Structures, 13th Edition, 2005. The inspection shall be performed in accordance with the requirements of the AISC Code of Practice for the Inspection of Steel Structures, 13th Edition, 2005. The inspection shall be performed in accordance with the requirements of the AISC Code of Practice for the Inspection of Steel Structures, 13th Edition, 2005.

4. The inspection shall be performed in accordance with the requirements of the American Institute of Steel Construction, Inc. (AISC) Specification for Structural Steel Buildings, 13th Edition, 2005, and the AISC Code of Practice for the Inspection of Steel Structures, 13th Edition, 2005. The inspection shall be performed in accordance with the requirements of the AISC Code of Practice for the Inspection of Steel Structures, 13th Edition, 2005. The inspection shall be performed in accordance with the requirements of the AISC Code of Practice for the Inspection of Steel Structures, 13th Edition, 2005.

Das
9
8-80

DESCRIPTION
125' x 144' 0" IN L x 15625' x 15625' CONT D 126901 401 A/7 6/10
76 PLAT SHEET FOR DISTRIBUTORS TOLERANCE
QUANTIFIED 2051027 REV H 10/10/05, 2 REV 2013 EAC MFR ASB 10-
209 REV 15 EAC PER ASB 10/20/09 REV 16
(HAIKIDEN) 1000T PAPER INTERLAVED
MAX GROSS SKID NETS 4750 LB GROSS TOL +/-
10 x COP 0126901 REV 46 CUST REQ 17-04-
19 *** W/R 17-04-24 ***

Mat	Package	Location	Weight	Quantity	Unit	Inspector	Check Number
1	275674	275674	1840	15	PC	27795 67476	
2	277855	277855	1896	17	PC	27709 67476	
3	277856	277856	1794	15	PC	27705 67476	
			7529	47			

Notes for COR: 0126901 46
PRODUCT PRODUCED TO THE REQUIREMENTS OF ASTM A 572 PLV N ALSO MEET THE REQUIREMENTS OF ASTM A 572-13 ORIGINAL PARTS IN PARTS

COR: 0126901 46 - Specification Limits

TEMP OF
76 LONG TENSILE
MIN 42.0 35.0 10

Chemical Composition
MAX C 0.7 0.46 0.15 1.2 0.35 0.25 0.15 0.15
MIN 0.40 0.15 0.15 0.8 0.04
REMARK

CERTIFIED INSPECTION REPORT

REPORT NO.

DAVENPORT WORKS 4619 State Street, Bellingham, WA 98222

We hereby certify that the following material was inspected and found to conform to the requirements of the contract and the applicable specifications and standards of the American Society of Mechanical Engineers, Inc. (ASME) and the American Institute of Chemical Engineers, Inc. (AIChE).

The inspection was performed in accordance with the requirements of the contract and the applicable specifications and standards of the American Society of Mechanical Engineers, Inc. (ASME) and the American Institute of Chemical Engineers, Inc. (AIChE).

SHIP NAME: 117401
 SHIP NO.: 2017-04-23
 P.O. NO./DRAWING NO.: 21291079
 QUANTITY: 20000
 DATE: 11/07/2017
 BY: DAVENPORT WORKS

INSPECTOR: [Signature]
 DATE: 11/07/2017
 LOCATION: DAVENPORT WORKS

Page 2 of 3

ITEM: 117401
 SPECIFICATION: ASME B31.3
 MATERIAL: Carbon Steel
 SIZE: 10"
 LENGTH: 20000"

ITEM	SIZE	LENGTH	WEIGHT	TESTS	RESULTS
117401	10"	20000"	100000 lbs	UTS, YTS, KSI, PSI	100000, 100000, 100000, 100000

ITEM	SIZE	LENGTH	WEIGHT	TESTS	RESULTS
117401	10"	20000"	100000 lbs	UTS, YTS, KSI, PSI	100000, 100000, 100000, 100000

ITEM	SIZE	LENGTH	WEIGHT	TESTS	RESULTS
117401	10"	20000"	100000 lbs	UTS, YTS, KSI, PSI	100000, 100000, 100000, 100000

ITEM	SIZE	LENGTH	WEIGHT	TESTS	RESULTS
117401	10"	20000"	100000 lbs	UTS, YTS, KSI, PSI	100000, 100000, 100000, 100000

CERTIFIED INSPECTION REPORT

ACCIDENT

DAVENPORT WORKS 4875 SOME STREET BIRMINGHAM, AL 35217

WE HEREBY CERTIFY THAT THE INSPECTION REPORT BY THE DAVENPORT WORKS 4875 SOME STREET BIRMINGHAM, AL 35217, IS A TRUE AND CORRECT REPRESENTATION OF THE FACTS AS THEY OCCURRED ON THE DATE AND AT THE PLACE INDICATED THEREON. THE REPORT IS THE PROPERTY OF THE DAVENPORT WORKS 4875 SOME STREET BIRMINGHAM, AL 35217, AND IS NOT TO BE REPRODUCED OR USED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF THE DAVENPORT WORKS 4875 SOME STREET BIRMINGHAM, AL 35217.

SHIP NAME DAVENPORT SHIP TYPE DAVENPORT SHIP NO. 4875 SHIP FROM BIRMINGHAM, AL
 DATE OF INSPECTION 08/25/75 INSURANCE NO. 00000 ACCIDENT NO. 00000 DATE OF REPORT 08/25/75
 OFFICE NO. (FOR IDENTIFICATION) 00000 NAME OF INSPECTOR DAVENPORT

NAME OF VESSEL DAVENPORT NAME OF CAPTAIN DAVENPORT NAME OF MASTER DAVENPORT
 NAME OF OWNER DAVENPORT NAME OF CHARTERER DAVENPORT NAME OF DISCHARGE DAVENPORT

PAGE 1 OF 1

This material was received in the United States of America pursuant to a qualifying court order (see Docket 225-072-110) and was manufactured in the United States.

#271

ACIER OUELLETTE INC. P.O. - AC4014 S.O. - 389102

MILL TEST REPORT

TA CHEN INTERNATIONAL, INC.

This MTR contains 1 page (Page# 1)

Customer: RYEBRA PO#:788432 SO#:LRMY74

MTR#:HECL2837.GIF

Item: 19048966061T6 Bundle: ZB-1610Y6101-6' Heat#: ZB-1610Y6101

HECL2837

HENAN MINGTAI AL. INDUSTRIAL CO., LTD
 HUIGUO ZHEN, GONGYI, HENAN, CHINA 451283
 TEL: 371-67898611 FAX: 371-67898612

MILL TEST CERTIFICATE

TO: TA CHEN INTERNATIONAL INC.
 5855 OBISPO AVENUE
 LONG BEACH, CA 90805
 TEL: (562)808-8199
 FAX: (562)808-8110
 H-TZCH161037
 L59891-S/L60566-S/L60585-S/L60590-S/L60801/L61055/
 L61061/L61066/L61074/N10081-I/N10141-I/N10267/
 N10271/N10293/N10376/N10377
 XINGANG, CHINA
 CHICAGO, USA
 SHIPPING MARKS: N/M
 DATE: 27-Oct-16
 ISF NO.: 8EFT31182612382

INVOICE NO.:
 PO NO:

LOADING PORT:
 DESTINATION:
 SHIPPING MARKS:
 DATE:
 ISF NO.:

DESCRIPTION OF GOODS:
 ALUMINUM COIL 3003 H14
 CERTIFIED TO ALL AA, ASTM B209-14, AMS/QQA 250/2, AMS 4008K SPECS.
 ALUMINUM COIL 3003 H22/H24TB
 CERTIFIED TO MINGTAI TREAD BRIGHT SPECS.
 ALUMINUM COIL 5005 O
 CERTIFIED TO ASTM B209-14.
 ALUMINUM COIL AND SHEET 5052 H32
 CERTIFIED TO ALL AA, ASTM B209-14, AMS/QQA 250/8, AMS 4016M SPECS.
 ALUMINUM SHEET 6061 T6
 CERTIFIED TO ASTM B209-14, ASME SB-209, AMS 4027N, AMS-QQ-A-250/1 SPECS.
 CIF CHICAGO, USA

CHEMICAL COMPOSITION

Alloy/Tmp	Lot No.	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others	Al
STANDARD		0.6	0.7	0.05-0.2	1.0-1.5	-	-	0.1	-	0.15	REMAIN
3003 H14	A-1610694	0.069	0.587	0.123	1.168	0.009	0.008	0.005	0.033	0.15	REMAINDER
3003 H14	A-1610718	0.110	0.580	0.120	1.120	0.023	0.000	0.010	0.029	0.15	REMAINDER
3003 H14	A-1610721	0.081	0.566	0.115	1.144	0.025	0.006	0.004	0.030	0.15	REMAINDER
3003 H14	A-1610750	0.070	0.570	0.120	1.130	0.010	0.000	0.000	0.029	0.15	REMAINDER
3003 H22/H24	Z-1610YB166	0.120	0.590	0.120	1.130	0.010	0.000	0.010	0.028	0.15	REMAINDER
3003 H22/H24	Z-1610YB196	0.120	0.591	0.125	1.135	0.039	0.010	0.005	0.033	0.15	REMAINDER
3003 H22/H24	Z-1610YB299	0.099	0.558	0.088	1.041	0.024	0.014	0.017	0.030	0.15	REMAINDER
Alloy/Tmp	Lot No.	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others	Al
STANDARD		0.3	0.7	0.2	0.2	0.50-1.1	0.1	0.25	-	0.15	REMAIN
5005 O	B-16101135	0.048	0.214	0.006	0.026	0.055	0.022	0.005	0.019	0.15	REMAINDER
Alloy/Tmp	Lot No.	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others	Al
STANDARD		0.25	0.4	0.1	0.1	2.2-2.8	0.15-0.35	0.1	0.023	0.15	REMAIN
5052 H32	B-16101234	0.087	0.362	0.015	0.052	2.368	0.175	0.010	0.012	0.15	REMAINDER

HAG 516V

MILL TEST REPORT

TA CHEN INTERNATIONAL, INC.

This MTR contains 2 pages (Page 1)

Customer: RYEBRA PO#:788432 SO#:LRMY74

MTR#:HECL2837.GIF

Item: 19048966061T6 Bundle: ZB-1610Y6101-6 Heat#: ZB-1610Y6101

5052 H32	B-16101246	0.060	0.190	<0.010	0.050	2.490	0.210	0.010	0.020	0.15	REMAINDER
5052 H32	B-16101317	0.090	0.363	0.016	0.088	2.473	0.195	0.010	0.013	0.15	REMAINDER
5052 H32	B-16101323	0.051	0.174	0.003	0.019	2.607	0.193	0.006	0.021	0.15	REMAINDER
5052 H32	B-16101323	0.051	0.174	0.003	0.019	2.607	0.193	0.006	0.021	0.15	REMAINDER
5052 H32	B-16101324	0.065	0.215	0.004	0.061	2.614	0.193	0.006	0.022	0.15	REMAINDER
5052 H32	B-16101324	0.055	0.215	0.004	0.061	2.614	0.193	0.006	0.022	0.15	REMAINDER
5052 H32	B-16101326	0.087	0.351	0.022	0.089	2.495	0.167	0.016	0.010	0.15	REMAINDER
5052 H32	B-16101361	0.050	0.200	<0.010	0.010	2.570	0.210	0.010	0.020	0.15	REMAINDER
5052 H32	B-16101361	0.050	0.200	<0.010	0.010	2.570	0.210	0.010	0.020	0.15	REMAINDER
5052 H32	B-16101440	0.050	0.200	<0.010	0.020	2.500	0.210	0.010	0.020	0.15	REMAINDER
5052 H32	D1610035	0.086	0.369	0.030	0.060	2.300	0.173	0.046	0.013	0.15	REMAINDER
5052 H32	D1610035	0.086	0.369	0.030	0.060	2.300	0.173	0.046	0.013	0.15	REMAINDER
5052 H32	Z-1610Y5119	0.076	0.292	0.024	0.053	2.408	0.187	0.042	0.014	0.15	REMAINDER
5052 H32	Z-1610Y5124	0.092	0.315	0.021	0.075	2.474	0.169	0.016	0.014	0.15	REMAINDER
5052 H32	Z-1610Y5136	0.090	0.325	0.019	0.086	2.373	0.170	0.019	0.013	0.15	REMAINDER
5052 H32	Z-1610Y5139	0.084	0.350	0.021	0.061	2.313	0.177	0.021	0.014	0.15	REMAINDER
5052 H32	Z-1610Y5174	0.114	0.330	0.035	0.088	2.398	0.190	0.021	0.014	0.15	REMAINDER
5052 H32	Z-1610Y5202	0.087	0.306	0.017	0.066	2.406	0.170	0.012	0.014	0.15	REMAINDER
5052 H32	Z-1610Y5225	0.060	0.210	<0.01	0.020	2.550	0.230	0.010	0.020	0.15	REMAINDER
Alloy/Tmp	Lot No.	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others	Al
STANDARD		0.4-0.8	0.7	0.15-0.4	0.15	0.8-1.2	0.04-0.35	0.25	0.15	0.15	REMAIN
6051 T6	Z-1610Y6073	0.665	0.351	0.277	0.061	1.067	0.196	0.007	0.035	0.15	REMAINDER
6051 T6	ZB-1610Y6101	0.593	0.360	0.253	0.058	1.063	0.188	0.007	0.037	0.15	REMAINDER

MECHANICAL PROPERTY

Alloy/Tmp	Lot No.	Specs(In)	Tensile strength		Yield strength		Elongation
			Mpa	Ksi	Mpa	Ksi	
3003 H14	A-1610694	.063*48"C	153	22.2	149	21.6	12
3003 H14	A-1610718	.080*48"C	153	22.2	151	21.9	10
3003 H14	A-1610721	.080*48"C	156	22.6	136	19.7	10
3003 H14	A-1610750	.032*48"C	164	23.8	158	22.9	7
3003 H22/H24	Z-1610YB166	.125*48"C	136	19.7	110	16.0	22
3003 H22/H24	Z-1610YB196	.056*60"C	134	19.4	107	15.5	15
3003 H22/H24	Z-1610YB299	.045*48"C	132	19.1	98	14.2	13
5055 O	B-16101135	.057*45"C	107	15.5	57	8.3	26
5052 H32	B-16101234	.063*48*120	217	31.5	162	23.5	10
5052 H32	B-16101246	.125*60*144	217	31.5	188	27.3	12
5052 H32	B-16101317	.040*48*90	240	34.8	192	27.8	10
5052 H32	B-16101323	.063*48*120	215	31.2	174	25.2	12
5052 H32	B-16101323	.063*48*96	215	31.2	174	25.2	12
5052 H32	B-16101324	.090*48*120	217	31.5	162	23.5	12
5052 H32	B-16101324	.090*48*96	217	31.5	162	23.5	12
5052 H32	B-16101326	.080*48*120	227	32.9	193	28.0	10
5052 H32	B-16101361	.063*48*120	216	31.3	172	24.0	12
5052 H32	B-16101361	.063*48*96	216	31.3	172	24.0	12
5052 H32	B-16101440	.125*48*120	218	31.6	166	24.1	13
5052 H32	D1610035	.250*48*120	216	31.3	182	26.4	16
5052 H32	D1610035	.250*48*96	216	31.3	182	26.4	16
5052 H32	Z-1610Y5119	.063*60"C	240	34.8	197	28.6	10
5052 H32	Z-1610Y5124	.063*60"C	233	33.8	186	27.3	13
5052 H32	Z-1610Y5136	.063*60"C	237	34.4	185	26.8	11
5052 H32	Z-1610Y5130	.090*60*120	230	33.4	198	28.7	11
5052 H32	Z-1610Y5174	.125*60*120	234	33.9	192	27.8	13
5052 H32	Z-1610Y5202	.125*48"C	219	31.8	172	24.9	12
5052 H32	Z-1610Y5225	.080*60*120	233	33.0	196	28.4	10

MILL TEST REPORT

TA CHEN INTERNATIONAL, INC.

This MTR contains 3 pages (Page# 1)

Customer: RYEBRA PO#:788432 SO#:LRMY74

MTR#:HECL2837.GIF

Item: 1904896606176 Bundle: ZB-1610Y6101-6 Heat#: ZB-1610Y6101

6061 T6	Z-1610Y6073	.125"60"144	343	49.7	315	45.7	11
6061 T6	ZB-1610Y6101	.190"48"96	328	47.6	246	35.7	13

PRODUCER: HENAN MINGTAI AL. INDUSTRIAL CO., LTD
COUNTRY OF MELT AND MANUFACTURE: CHINA

HENAN MINGTAI AL. INDUSTRIAL CO., LTD
河南明泰铝业股份有限公司

管得峰

#2753



BRIGHT STEELS

LIMITED

MANUFACTURERS OF BRIGHT STEEL BARS

NORTON WORKS · MALTON · NORTH YORKSHIRE · ENGLAND · YO17 9RD

T: +44 (0) 1653 602122

F: +44 (0) 1653 695856

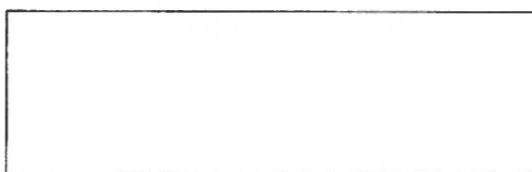
E: export@bright-steels.com

Certificate Of Analysis

Date : 22/02/2017

Number : 108633

VAT Registration No. 166 8255 35



UNLESS AGREED OTHERWISE THE MATERIAL DETAILED BELOW HAS BEEN INSPECTED AND TESTED ACCORDING TO PROCEDURES RELATIVE TO OUR BS EN ISO 9001 REGISTRATION TO COMPLY WITH THE REQUIREMENTS OF THE SPECIFICATION AND ORDER. CONFORMS TO EN 10204 2.2. ORIGINAL CERTIFICATES ARE HELD ON FILE.

ORDER LINE	DESCRIPTION AND ORDER DETAILS	CAST NO.	BATCH NO	DESPATCH WEIGHT	UOM	QUANTITY
------------	-------------------------------	----------	----------	-----------------	-----	----------

YOUR ORDER NO. : B 97899

OUR ORDER NO. : 172235

BRIGHT MILD FLAT TO ASTM A29-03 (A108-99) 1018

IN 12'/12'3" LENGTHS

TARIFF NO. 7215.50.11

ITEM CODE - V731331

3	1/4" X 3/4"	3071118	PRD-11754701	1400	LBS	635 KGS
---	-------------	---------	--------------	------	-----	---------

CAST	C %	Si %	Mn %	P %	S %	Cr %	Mo %	Ni %	Cu %	Sn %	Al %
3071118	0.155	0.235	0.802	0.012	0.012	0.121	0.060	0.204	0.227	0.009	0.020

Signed :

#4949

Eaton Steel Bar Company Inspection Certificate 1626286

EN 10204:2004-3.1

Customer	BOL	Ship Date	Customer PO	Item	Customer Item	Item Description
	307240	06-Mar-2017	B88205	11144 rev 003	V018242	3/4 HR RD 414042MM 20N2m S80 OTSF FG MST

All bundles listed below were produced using steel from Heat M52573 issued by GERDAU-MONROE and were completed from Eaton Steel Job 806632.

Chemistry	Description	Value	Units	Heat Treating	Description	Value	Units
C	Carbon	0.4000	PGCT	TEMPER TEMP P	Temper Temp in Fahrenheit	500 - 2500	DDGF
Mn	Manganese	0.8500	PGCT	AUSTENITIZING P	Austenitize Temp in Fahrenheit	1600 - 1700	DDGF
P	Phosphorus	0.0100	PGCT	SR TEMP P	Stress Relief Temp in Fahrenheit	500 - 2500	DDGF
S	Sulfur	0.02400	PGCT	MACROSTRUCTURE	Magnetism in Gauss	0 - 20	GN
Si	Silicon	0.2800	PGCT	TIME AT TEMP	Time at Temperature	Report	
Ni	Nickel	0.1200	PGCT	QUENCH MEDIA	Quench Media Requirements	P&W/O	
Cr	Chromium	0.9600	PGCT	STRESS FREE	Cert stress free	CERTIFIED	
Mo	Molybdenum	0.1800	PGCT	HTA140-420F	Quench & Temper	CONFORMS	
Al	Aluminum	0.0300	PGCT	Mill Processing	Description	Value	Units
Cu	Copper	0.1700	PGCT	HEAT TREATING	Melted in Country	USA	
V	Vanadium	0.00200	PGCT	ROLLED COUNTRY	Rolled in Country	USA	
Nb	Niobium	0.00200	PGCT	RED DAT10	Reduction Ratio	81.50	RED
N	Nitrogen	0.00000	PGCT	ASTM Standard	Description	Value	Units
P+S	Element Sum Limit	0.03400	PGCT	A193/33M-01	Grade B7	CONFORMS	
D1	Ideal Diameter	5.0700	IN	A43-90A-BC	ASTM BC Tensile and Yield Properties	CONFORMS	
Chemistry	Description	Value	Units	PERCENT TM	Percent Tempered Martensite	80 - 100	PCT
MACRO ETC	Report macro etch results			MICROSTRUCTURE	Reported Microstructure	TM	
Diameter	Diameter	0.7420 - 0.7580	IN	Tag Number	Qty Units	Length	
Geometry	Description	Value	Units	022-1921371	3305 LBS	20ft	
J21	1/16 inch from Quenched End	56	HRC	ASTM A304			
J2	2/16 inch from Quenched End	56	HRC				
J3	3/16 inch from Quenched End	56	HRC				
J4	4/16 inch from Quenched End	56	HRC				
J5	5/16 inch from Quenched End	56	HRC				
J6	6/16 inch from Quenched End	56	HRC				
J7	7/16 inch from Quenched End	54	HRC				
J8	8/16 inch from Quenched End	53	HRC				
J9	9/16 inch from Quenched End	52	HRC				
J10	10/16 inch from Quenched End	50	HRC				
J11	11/16 inch from Quenched End	48	HRC				
J12	12/16 inch from Quenched End	46	HRC				
J13	13/16 inch from Quenched End	44	HRC				
J14	14/16 inch from Quenched End	43	HRC				
J15	15/16 inch from Quenched End	42	HRC				
J16	16/16 inch from Quenched End	40	HRC				
J17	17/16 inch from Quenched End	38	HRC				
J18	18/16 inch from Quenched End	36	HRC				
J19	19/16 inch from Quenched End	34	HRC				
J20	20/16 inch from Quenched End	32	HRC				
J21	21/16 inch from Quenched End	30	HRC				
J22	22/16 inch from Quenched End	28	HRC				
J23	23/16 inch from Quenched End	26	HRC				
J24	24/16 inch from Quenched End	24	HRC				
J25	25/16 inch from Quenched End	22	HRC				
J26	26/16 inch from Quenched End	20	HRC				
J27	27/16 inch from Quenched End	18	HRC				
J28	28/16 inch from Quenched End	16	HRC				
J29	29/16 inch from Quenched End	14	HRC				
J30	30/16 inch from Quenched End	12	HRC				
J31	31/16 inch from Quenched End	10	HRC				
J32	32/16 inch from Quenched End	8	HRC				
J33	33/16 inch from Quenched End	6	HRC				
J34	34/16 inch from Quenched End	4	HRC				
J35	35/16 inch from Quenched End	2	HRC				
J36	36/16 inch from Quenched End	0	HRC				
J37	37/16 inch from Quenched End	0	HRC				
J38	38/16 inch from Quenched End	0	HRC				
J39	39/16 inch from Quenched End	0	HRC				
J40	40/16 inch from Quenched End	0	HRC				
J41	41/16 inch from Quenched End	0	HRC				
J42	42/16 inch from Quenched End	0	HRC				
J43	43/16 inch from Quenched End	0	HRC				
J44	44/16 inch from Quenched End	0	HRC				
J45	45/16 inch from Quenched End	0	HRC				
J46	46/16 inch from Quenched End	0	HRC				
J47	47/16 inch from Quenched End	0	HRC				
J48	48/16 inch from Quenched End	0	HRC				
J49	49/16 inch from Quenched End	0	HRC				
J50	50/16 inch from Quenched End	0	HRC				
J51	51/16 inch from Quenched End	0	HRC				
J52	52/16 inch from Quenched End	0	HRC				
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J87	87/16 inch from Quenched End	0	HRC				
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J90	90/16 inch from Quenched End	0	HRC				
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J92	92/16 inch from Quenched End	0	HRC				
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J106	106/16 inch from Quenched End	0	HRC				
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J109	109/16 inch from Quenched End	0	HRC				
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J111	111/16 inch from Quenched End	0	HRC				
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J169	169/16 inch from Quenched End	0	HRC				
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J171	171/16 inch from Quenched End	0	HRC				
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J173	173/16 inch from Quenched End	0	HRC				
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J176	176/16 inch from Quenched End	0	HRC				
J177	177/16 inch from Quenched End	0	HRC				
J178	178/16 inch from Quenched End	0	HRC				
J179	179/16 inch from Quenched End	0	HRC				
J180	180/16 inch from Quenched End	0	HRC				
J181	181/16 inch from Quenched End	0	HRC				
J182	182/16 inch from Quenched End	0	HRC				



GERDAU SPECIAL STEEL NORTH AMERICA
5591 MORRILL ROAD
JACKSON, MICHIGAN 49201

CERTIFIED MATERIAL TEST REPORT			
CUSTOMER ORDER NUMBER	CUSTOMER PART NUMBER	TEST NUMBER	DATE
142324	1012462/4140EFD	M52573	11/05/13
		DATE OF TEST	
		283416 101	

ORDER TO
DAN MCNAUGHTON
EATON STEEL CORPORATION
10221 CAPITAL
OAK PARK, MI 48237

9-86
EATON STEEL CORPORATION
VULCAN HEAT TREATING
10 CROSSCREEK TRAIL
PELHAM, AL 35124

ORDERED		LIMITS	
SIZE	THICKNESS	RND	THICKNESS
4140	0 3/4"		20' 2"
ITEM 1012462 REV 1 DTD 03/05/12; A29/A29M-12; A322-07			
CHEMICAL ANALYSIS			
C	Mn	P	S
0.40	0.85	0.010	0.024
		0.25	0.12
		0.96	0.18
		0.17	0.008
			0.030
V	Nb		
0.002	0.002		
GRAIN SIZE			
SPECIFICATION ASTM E112		FINE GRAIN 5-8	
HARDENABILITY			
SPECIFICATION ASTM A295/A304			
THEORETICAL			
J1	2	3	4
56	56	56	56
54	53	52	50
48	46	44	43
42	40	38	36
DI CALCULATION			
SPECIFICATION CAT 150024			
5.07			
REDUCTION RATIO		SPECIFICATION ITEM 1012462	
RATIO= 81.5 TC		1.0	

PAGE 1
We certify that these data are correct and in compliance with specified requirements.
Gerdaau Monroe
1000 East Front Street
Monroe, MI 48161
Wendy J. Craig
QUALITY ASSURANCE REPRESENTATIVE

CONTINUED ON PAGE 2



GERDAU SPECIAL STEEL NORTH AMERICA
5551 MORRIS ROAD
JACKSON, MICHIGAN 49201

CERTIFIED MATERIAL TEST REPORT

CUSTOMER ORDER NUMBER	CUSTOMER PART NUMBER	QUANTITY ORDERED	DATE
142324	1012462/4140EFD	M52573	11/05/13
		Danieli Cast	

REPORT TO

DAN MCNAUGHTON
EATON STEEL CORPORATION
10221 CAPITAL
OAK PARK, MI 48237

EATON STEEL CORPORATION
VOLCAN HEAT TREATING
10 CROSSCREEK TRAIL
PELHAM, AL 35124

ORDERED

SIZE	THICK	RND	LENGTH
4.140	0 3/4"		20' 2"
ITEM 1012462 REV 1 DTD 03/05/12; A29/A29M-12; A322-07			

RESIDUAL MAX SPECIFICATION ITEM 1012462

P-S = 0.0340

RESIDUAL MIN SPECIFICATION ITEM 1012462

P-S = 0.0340


ASTM E381 MACRO ETCH SATISFACTORY: S1/R1/C1; MEETS SAE J422

S5/05 RATING (WORST FIELD);
** MATERIAL 100% MELTED AND MANUFACTURED IN THE U.S.A. BY THE ELECTRIC
ARC FURNACE AND CONTINUOUS CASTING METHOD. THE PRODUCT HAS NOT
BEEN REPAIRED OR TO ANY OTHER METAL ALLOY THAT IS LIQUID AT AMBIENT
TEMPERATURES DURING PROCESSING OR WHILE IN OUR POSSESSION.
GERDAU MONITORS ALL INCOMING SCRAP AND ALL HEATS OF STEEL TO ENSURE THAT
PRODUCTS SHIPPED ARE FREE OF RADIOACTIVE MATERIAL.


PAGE 2 OF 2
We certify that these data are correct and in compliance with specified requirements.

Gerdau Monroe
3000 East Front Street
Monroe, MI 48161

Wendy J. Craig
Quality Services Representative

 Vulcan VULCAN Threaded Products 10 Cross Creek Trail Prichard, AL 36124 Tel (205) 620-5100 Fax (205) 620-5150		JOB MATERIAL CERTIFICATION																																					
Job No: 344313 Container: S7521276 S7525296 Customer: Eaton Steel Corporation Customer Part No: 1012483-001 Customer PO No: 143438-753733 Order No: 201403 Note: W0753733 A		Job Information Certified Date: 12/7/13 Shipped Qty: 16442 lbs Line No: 1 Ship To: Drive Troy, MI 48180																																					
Part Information Part No: HRB 4140 750240 Q&T ES Part Group: HT TOLL Piece Weight: 30.029		Name: Hot Rod Bars Alloy Type: 4100 Alloy - Temper: 4140																																					
Heat Treat Type: ASTM A193 B7/ASME SA193 B7 Specification: Customer Specification:		Applicable Specifications Raw Amend Option 2012a																																					
Test Results																																							
See following pages for tests																																							
Certified Chemical Analysis <table border="1"> <thead> <tr> <th>Element</th> <th>Carbon</th> <th>Manganese</th> <th>Phosphorus</th> <th>Sulfur</th> <th>Silicon</th> <th>Nickel</th> <th>Copper</th> <th>Aluminum</th> <th>Antimony</th> <th>Lead</th> <th>Other</th> </tr> </thead> <tbody> <tr> <td>Max</td> <td>0.25</td> <td>1.00</td> <td>0.025</td> <td>0.010</td> <td>0.35</td> <td>0.10</td> <td>0.030</td> <td>0.010</td> <td>0.010</td> <td>0.010</td> <td></td> </tr> <tr> <td>Min</td> <td>0.20</td> <td>0.70</td> <td>0.015</td> <td>0.005</td> <td>0.15</td> <td>0.05</td> <td>0.010</td> <td>0.005</td> <td>0.005</td> <td>0.005</td> <td></td> </tr> </tbody> </table>				Element	Carbon	Manganese	Phosphorus	Sulfur	Silicon	Nickel	Copper	Aluminum	Antimony	Lead	Other	Max	0.25	1.00	0.025	0.010	0.35	0.10	0.030	0.010	0.010	0.010		Min	0.20	0.70	0.015	0.005	0.15	0.05	0.010	0.005	0.005	0.005	
Element	Carbon	Manganese	Phosphorus	Sulfur	Silicon	Nickel	Copper	Aluminum	Antimony	Lead	Other																												
Max	0.25	1.00	0.025	0.010	0.35	0.10	0.030	0.010	0.010	0.010																													
Min	0.20	0.70	0.015	0.005	0.15	0.05	0.010	0.005	0.005	0.005																													
Notes: Material was manufactured, tested and inspected in accordance with Vulcan Threaded Products Inc. Quality Assurance Program and Material Rev. A dated 8/23/11. Processed material is Quenched and Tempered - Stress Free. No weld repair performed on the material. No history used in the production of the material. Heat treated and inspected in accordance with ASTM A193 B7/ASME SA193 B7. Average Charpy V-notch: 115. The material is supplied in a condition of 100% tempered material from the surface to the center. Heat treating temp: >1700 degrees F. Test specimens meet the ASTM A193-12a specifications.																																							
Part Group: 12/7/13 8:44 AM vulc 620m Page 1 of 2																																							

Ref 377069

		Vulcan Trucked Products 10 Cross Creek Trail Pellham, AL 35124 Tel (205) 820-0100 Fax (205) 820-1150																																		
JOB MATERIAL CERTIFICATION																																				
Job No: 344313 Container: S7521278 S7525288		Job Information Certified Date: 12/7/13																																		
Test Results																																				
<table border="1"> <thead> <tr> <th>Test No</th> <th>Test Description</th> <th>Temp</th> <th>Wind</th> <th>Speed</th> <th>Direction</th> <th>Altitude</th> <th>Pressure</th> <th>Humidity</th> <th>Clouds</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>23756</td> <td>Test Quench & Temp Physicals (Lbs)</td> <td>143.200</td> <td>128.100</td> <td>17.4</td> <td>40</td> <td>63</td> <td>31</td> <td>30</td> <td>50</td> <td></td> </tr> <tr> <td>23757</td> <td>Test Quench & Temp Physicals (Lbs)</td> <td>143.200</td> <td>128.100</td> <td>17.4</td> <td>40</td> <td>63</td> <td>31</td> <td>30</td> <td>50</td> <td></td> </tr> </tbody> </table>				Test No	Test Description	Temp	Wind	Speed	Direction	Altitude	Pressure	Humidity	Clouds	Notes	23756	Test Quench & Temp Physicals (Lbs)	143.200	128.100	17.4	40	63	31	30	50		23757	Test Quench & Temp Physicals (Lbs)	143.200	128.100	17.4	40	63	31	30	50	
Test No	Test Description	Temp	Wind	Speed	Direction	Altitude	Pressure	Humidity	Clouds	Notes																										
23756	Test Quench & Temp Physicals (Lbs)	143.200	128.100	17.4	40	63	31	30	50																											
23757	Test Quench & Temp Physicals (Lbs)	143.200	128.100	17.4	40	63	31	30	50																											
Test No 23757 Test Quench & Temp Physicals (Lbs) Description: Quench & Temp Physicals (Lbs) Temp: 131.4 Wind: 43.50 Speed: 13.14 Direction: 43.50 Altitude: 13.14 Pressure: 43.50 Humidity: 13.14 Clouds: 43.50 Notes: 13.14																																				
Date: 12/7/13 Signature: <i>David Chubb</i> Title: Supervisor Print Name: David Chubb																																				

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6B1.00062.000

PO / BATCH NO.: 03825/3008416

DATE: 12.11.19

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 20'
 QUANTITY INSPECTED: 20'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.000"
 THICKNESS RECEIVED: 1.000"
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL PER M-DRAWING	(Y) N	ASTM B221
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT REF # TO LINK CERT	(Y) N	SXD70413
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>9</u> <u>9-80</u>	SIGNED OFF BY: _____
DATE: <u>12.11.19</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/6517/6510/6511/652 ALUMINUM BAR

SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

PART NUMBER:

M6061T6B1 T.TTT X WW.WWW

THICK WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES
"WW.WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

1.000 X 12.000

DAS

9

9.00

RELEASED
2009-09-03
NTP

B	REMOVE QQ-A-225/1 OPTION, REFORMAT NOTES, ADD ASTM B211/621 (EN 07-1)	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV.	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN	DS		
CHECKED	DS		
MFG. APPR.	DS		
APPROVED	DS		
DE APPR.	DS		
DATE	09.07.13		
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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6B2.000X1.250

PO / BATCH NO.: 034285 / 5003419

DATE: 11-11-16

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 24'
 QUANTITY INSPECTED: 24'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.250"
 THICKNESS RECEIVED: 1.250"
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL PER M-DRAWING	(Y)	N	AMS-QQ-A-200/9
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT REF # TO LINK CERT	(Y)	N	WT# 3B5790
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>9</u> <u>300</u>		SIGNED OFF BY: _____	
DATE: <u>11-11-16</u>		DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/7651/76510/7651/762 ALUMINUM BAR

SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/415/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

8.000Y1.250

DAS
9
9-86

PART NUMBER:

M6061T6B | T.TTT | X | WW.WWW |
THICK | WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES
"WW.WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

B	REMOVE QQ-A-250(1) OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (ZND7-1)	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN	47		
CHECKED	ASS		
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.07.13		
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RELEASED
2009-08-03
MAD

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6B1.S00X2.000

PO / BATCH NO.: 033285 / 9008417

DATE: 17.11.16

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 12'
 QUANTITY INSPECTED: 12'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.500"
 THICKNESS RECEIVED: 1.500"
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL PER M-DRAWING	(Y) N	AMS-QQ-A-200/3
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT REF # TO LINK CERT	(Y) N	47# 3B5139
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>9</u> DATE: <u>17.11.16</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

1.500X2.00

DAS
9
9.86

PART NUMBER: M6061T6B | T.TTT | X | WW.WWW
THICK | WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES
"WW.WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

RELEASED
R 2009-05-03
ND

B	REMOVE QQ-A-250/11 OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (ZND7-1)	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN	DS		
CHECKED	DS		
MFG. APPR.	M6061T6B		
APPROVED	TITLE		
DE APPR.	6061-T6 BAR		
DATE	09.07.13		
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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606176S.138

DATE: 17.11.16

PO / BATCH NO.: P0035285/S003427

MATERIAL CERT REC'D: yes

QUANTITY RECEIVED: 30

QUANTITY INSPECTED: 32

QUANTITY REJECTED: 0

THICKNESS ORDERED: .133

THICKNESS RECEIVED: .188

SHEET SIZE ORDERED: 11x17

SHEET SIZE RECEIVED: 170

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL PER M-DRAWING	(Y) N	QMS-QQ A-250
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT REF # TO LINK CERT	(Y) N	HT# 2B1610Y6101
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION

ENGINEERING SIGNOFF (if required)

INSPECTED BY: _____

SIGNED OFF BY: _____

DATE: 11-11-16

DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T62 ALUMINUM SHEET
 SPECIFICATION: QQ-A-250/11 OR AMS-QQ-A-250/11
 OR AMS 4025 OR AMS 4027
 OR ASTM B209

PART NUMBER:

M6061T6S XXX
 THK

WHERE "XXX" = SHEET THICKNESS (IN INCHES)

EG. 0.063" THICK SHEET = M6061T6S 063

PREFERRED SIZE:

.XXX BY 4FT BY 8FT

DAS
 9
 9-89

RELEASED
 2009-09-10
MP

B	REFORMAT DNG. ADD B209 SPEC (ZN D8-1).	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.07.13		

DART AEROSPACE LTD
 HAWKESBURY, ONTARIO, CANADA
 DRAWING NO. M6061T6S
 TITLE 6061-T6 SHEET SPEC
 REV. B
 SHEET 1 OF 1
 SCALE NTS

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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: HL6176S.030
DATE: 17.11.16

PO / BATCH NO.: 10034285 / 5003426

MATERIAL CERT REC'D: yes
QUANTITY RECEIVED: 32'
QUANTITY INSPECTED: 32'
QUANTITY REJECTED: 0

THICKNESS ORDERED: .080
THICKNESS RECEIVED: .030
SHEET SIZE ORDERED: 4'x8
SHEET SIZE RECEIVED:

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	N	
CORRECT FINISH	Y	N	
CORROSION	Y	N	
CORRECT GRAIN DIRECTION	Y	N	
CORRECT MATERIAL PER M-DRAWING	Y	N	AMS-QQ-250
CORRECT THICKNESS	Y	N	
PHOTO REQUIRED	Y	N	
CORRECT REF # TO LINK CERT	Y	N	HT# 358972
CORRECT MATERIAL IDENTIFICATION	Y	N	
CORRECT M# ON THE MATERIAL	Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>9</u> <u>9-80</u> DATE: <u>17.11.16</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T62 ALUMINUM SHEET

SPECIFICATION:

QQ-A-250/11 OR QMS-QQ-A-250/11
OR AMS 4025 OR AMS 4027
OR ASTM B209

PART NUMBER:

M6061T6S | XXX |
THK

WHERE "XXX" = SHEET THICKNESS (IN INCHES)

EG. 0.063" THICK SHEET = M6061T6S.063

PREFERRED SIZE:

.XXX BY 4FT BY 8FT

100
100
9
3-00

RELEASED
2009-09-10
MSP

REV	DESCRIPTION	DATE
B	REFORMAT DWG. ADD B209 SPEC (ZN DB-1).	09.07.13
A	NEW ISSUE	01.06.08
DESIGN	DART AEROSPACE LTD	
DRAWN	HAWKESBURY, ONTARIO, CANADA	
CHECKED	DRAWING NO.	
MFG. APPR.	M6061T6S	
APPROVED	TITLE	
DE APPR.	6061-T6 SHEET SPEC	
DATE	09.07.13	

COMPANY: DART AEROSPACE LTD
1000 DART AEROSPACE DRIVE, SUITE 100, HAWKESBURY, ONTARIO, CANADA K0A 1H0
TEL: 613-335-1111 FAX: 613-335-1112
E-MAIL: SALES@DARTAEROSPACE.COM
WWW.DARTAEROSPACE.COM

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REV. B
SHEET 1 OF 1
SCALE
N.T.S.

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MLD/TLR1.000
 DATE: 17/11/16

PO / BATCH NO.: 38285/5008424

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 40
 QUANTITY INSPECTED: 40
 QUANTITY REJECTED:

THICKNESS ORDERED: 1.00
 THICKNESS RECEIVED: 1.00
 SHEET SIZE ORDERED:
 SHEET SIZE RECEIVED:

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL PER M-DRAWING	(Y)	N	ASTM A221
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT REF # TO LINK CERT	(Y)	N	HEAT# 36585
CORRECT MATERIAL IDENTIFICATION	(Y)	N	MLD/TLR1.00
CORRECT M# ON THE MATERIAL	(Y)	N	5008424
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u> </u>	SIGNED OFF BY: <u> </u>		
DATE: <u>17/11/16</u>	DATE: <u> </u>		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR

SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4174/128/415/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

PART NUMBER: M6061T6R/D,DDD
DIA.

WHERE "D,DDD" = DIAMETER IN INCHES
EG. 5/8" ROUND BAR = M6061T6R0.625

21.00 and 12.11112

RELEASED
2009-09-09
MP

B	REFORMAT DWG. ADD B211 & B221 SPEC (ZN DB-1).	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV.	DESCRIPTION	BY	DATE
DESIGN	<i>[Signature]</i>	DART AEROSPACE LTD	
DRAWN	<i>[Signature]</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>[Signature]</i>	M6061T6R	SHEET 1 OF 1
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	6061-T6 ROUND BAR	NTS
DATE	09.07.13	THE DRAWING IS THE PROPERTY OF DART AEROSPACE LTD. IT IS TO BE USED FOR THE PURPOSES SPECIFIED AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING.	

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6B0.750X2.000

PO / BATCH NO.: 033235 / # S008421

DATE: 17.11.19

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 20'
 QUANTITY INSPECTED: 20'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .750"
 THICKNESS RECEIVED: .750"
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL PER M-DRAWING	(Y)	N	ASTM B221
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT REF # TO LINK CERT	(Y)	N	70630
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>9</u> DATE: <u>17.11.19</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

△ PART NUMBER: M6061T6B T.TTT X WW.WWW

THICK WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES
"WW.WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

750X2000

9.8g
9.8g
DAS

B	REMOVE QQ-A-250/1 OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (AND 7-1)	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV.	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN	DS		
CHECKED	DS		
MFG. APPR.	DS		
APPROVED	DS		
DE APPR.	DS		
DATE	09.07.13		

DART AEROSPACE LTD
 HAWKESBURY, ONTARIO, CANADA
 DRAWING NO. M6061T6B
 TITLE 6061-T6 BAR
 REV. B
 SHEET 1 OF 1
 SCALE NTS

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RELEASED
R 2009-05-03
MAD

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606TT6B0.750x1.020

PO / BATCH NO.: 084233 / 3008422

DATE: 17.11.19

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 20'
 QUANTITY INSPECTED: 20'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .750'
 THICKNESS RECEIVED: .750'
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL PER M-DRAWING	(Y) N	AMS-QQ-A-200/3
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT REF # TO LINK CERT	(Y) N	362323
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>[Signature]</u> DATE: <u>17.11.19</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

PART NUMBER: M6061T6B | T.TTT | X | WWW.WWW | THICK | WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES
"WWW.WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

RELEASED
R 2009-03-03
MJP

B	REMOVE QQ-A-225/11 OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (2N D7-1)	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV.	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN	gp		
CHECKED	AS		
MFG. APPR.	M6061T6B		
APPROVED	TITLE		
DE APPR.	6061-T6 BAR		
DATE	09.07.13		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		REV. B SHEET 1 OF 1	
		SCALE NTS	
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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6B20.625
 DATE: 17.11.19

PO / BATCH NO.: 089285 / S0003423

MATERIAL CERT REC'D: YOS
 QUANTITY RECEIVED: 20'
 QUANTITY INSPECTED: 20'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .625"
 THICKNESS RECEIVED: .625"
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y	N	ASTM B221
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	66092
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>[Signature]</u> DATE: <u>17.11.19</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR

SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

PART NUMBER:

M6061T6R1D DDD
DIA.

WHERE "D.DDD" = DIAMETER IN INCHES

EG. 5/8" ROUND BAR = M6061T6R0.625

ADS

DAS
8
8-86

RELEASED
R 2009-09-09
MAD

B	REFORMAT DWG. ADD B211 & B221 SPEC (ZN DR-1).	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.07.13		

DART AEROSPACE LTD
 HAWKESBURY, ONTARIO, CANADA
 DRAWING NO. M6061T6R
 TITLE 6061-T6 ROUND BAR
 REV. B
 SHEET 1 OF 1
 SCALE NTS

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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606IT6R1.250

DATE: 17.11.19

PO / BATCH NO.: 038235/8008425

MATERIAL CERT REC'D: yes

QUANTITY RECEIVED: 200

QUANTITY INSPECTED: 40

QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.250"

THICKNESS RECEIVED: 1.250"

SHEET SIZE ORDERED: 11/11

SHEET SIZE RECEIVED: NA

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL PER M-DRAWING	(Y) N	ASTM B221
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT REF # TO LINK CERT	(Y) N	68467
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: _____ DATE: 12.11.17	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR

SPECIFICATION:

QA-A-225/8 OR AMS-QA-A-225/8 (OR AMS 4117/4128/415/4116)
OR QA-A-200/8 OR AMS-QA-A-200/8 (OR AMS 4180)
OR ASTM B211 OR ASTM B221

PART NUMBER:

M6061T6R/D,DDD
DIA.

WHERE "D,DDD" = DIAMETER IN INCHES

EG. 5/8" ROUND BAR = M6061T6R0.625

1.250"

9
DAS
S. & S.

B	REFORMAT DWG. ADD B211 & B221 SPEC (ZN DE-1).	CP	08.07.13
A	NEW ISSUE	DS	01.06.08
REV	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.07.13		

DART AEROSPACE LTD		REV. B
HAWKESBURY, ONTARIO, CANADA		SHEET 1 OF 1
DRAWING NO.	M6061T6R	SCALE
TITLE	6061-T6 ROUND BAR	NTS

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RELEASED
R 2009-09-09
MFD

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M4140H80.750

PO / BATCH NO.: 80034295 / 5003429

DATE: 17.11.21

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: .750"

QUANTITY RECEIVED: 6

THICKNESS RECEIVED: .745"

QUANTITY INSPECTED: 6

SHEET SIZE ORDERED: N/A

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL PER M-DRAWING	(Y)	N	ASTM A304
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT REF # TO LINK CERT	(Y)	N	152573
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION

ENGINEERING SIGNOFF (if required)

INSPECTED BY: AD

SIGNED OFF BY: _____

DATE: 17.11.21

DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



DESIGN #	DRAWN BY #	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. M4140H-R	REV. A SHEET 1 OF 1
DATE 05.02.21		TITLE 4140 ROUND BAR	SCALE 1:1
A	05.02.21	NEW ISSUE	

750 DAS
9
980

PURCHASE MATERIAL: AISI 4140H ROUND BAR

PER AISI 4140 OR ASTM A304-02 / -A-434-BC /

-A193-03-GRADE-B7 / -A29-03 / -A322-91 OR

UNS # - G41400

MINIMUM ULTIMATE TENSILE STRENGTH = 100 ksi

MINIMUM YIELD TENSILE STRENGTH = 66 ksi

PART NUMBER: M4140H-R | D.DDD | WHERE D.DDD = DIAMETER IN INCHES
DIA.

EG. 7/8" ROUND BAR = M4140H-R0.875

RELEASED
05.03.25 #

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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M1018 B1.000X6.000
 DATE: 17/11/17

PO / BATCH NO.: 38285/S008424

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 5
 QUANTITY INSPECTED: 5
 QUANTITY REJECTED: _____

THICKNESS ORDERED: 1.00
 THICKNESS RECEIVED: 1.00
 SHEET SIZE ORDERED: _____
 SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	HEAT # 3066812
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	M1018 B1.000X6.00
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	S008424
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="radio"/> N <input checked="" type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="radio"/> N <input checked="" type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>[Signature]</u> DATE: <u>17/11/17</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

DART



DESIGN 	DRAWN BY 	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED 	APPROVED 	DRAWING NO. M1010-B	REV. A SHEET 1 OF 1
DATE 01.12.06		TITLE AISI 1010-1025 BAR	
A 01.12.06		SCALE NTS	
NEW ISSUE			

PURCHASE MATERIAL: AISI 1010-1025 OR ASTM A36 / A366 / A569 / A570
OR CSA G40-21, 38W/44W/50W/60W/70W

PART NUMBER: M1010-B | T.TTT | x | WW.WWW | WHERE T.TTT = THICKNESS (IN INCHES)
THICK WIDTH WW.WWW = WIDTH (IN INCHES)
EG. 0.75" x 2.50" BAR = M1010-B0.750 x 02.500

RELEASED
01.12.07

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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 1160617681.500x4.000

PO / BATCH NO.: 038285/5008413

DATE: 17.11.16

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 12'
 QUANTITY INSPECTED: 12'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.500"
 THICKNESS RECEIVED: 1.500"
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL PER M-DRAWING	(Y)	N	AMS-QQ-A-200/B
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT REF # TO LINK CERT	(Y)	N	W# 201704805
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>9</u> DATE: <u>17.11.16</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221



PART NUMBER: M6061T6B | T.TTT | X | WW.WWW |
THICK | WIDTH |

WHERE "T.TTT" = THICKNESS IN INCHES
"WW.WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

1.500X 4.000

DAS
9
9.89

RELEASED
R 2009-09-03
MAD

B	REMOVE QQ-A-250/11 OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (ZND7-1)	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.07.13		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWING NO. M6061T6B			
REV. B SHEET 1 OF 1			
TITLE 6061-T6 BAR			
SCALE NTS			
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EAGLE BAR INC.

3719 S. Kedzie Ave.
Chicago, Illinois 60632
800-621-6126
In Ill Call (773)847-5382
(773)847-5287

Inspection N.: 2010995 Page

Date: 01-25-2016 1 of 2

COLD FINISHED STEEL TEST CERTIFICATE

Customer: LES ACIERS TRANSBEC(1997)
LTEE

LAVAL, QUEBEC ()

Delivery Note: 18346

P.O.Nº.	Shape	Size	Quality	Lbs.	Remarks
1	CA-44099	RD 1 1/4" (1,2496" - 1,2492")	12L14	2,222	ACCORDING TO NORM ASTM A-108-13 LEVEL 1
2	CA-44099	FLAT 1" x 2"	SAE1018	2,458	ACCORDING TO NORM ASTM A-108-13 LEVEL 1
3	CA-44099	RD 2 1/2" (2,5000" - 2,4976")	SAE1018	2,227	ACCORDING TO NORM ASTM A-108-13 LEVEL 1
4	CA-44099	RD 4" (4,0000" - 3,9961")	SAE1018	2,438	ACCORDING TO NORM ASTM A-108-13 LEVEL 1
5	CA-44099	SQ 1 1/8" ()	SAE1018	2,388	ACCORDING TO NORM ASTM A-108-13 LEVEL 1
6	CA-44099	SQ 4" ()	SAE1018	2,637	ACCORDING TO NORM ASTM A-108-13 LEVEL 1
7	OU-45163	FLAT 1/2" x 5"	SAE1018	2,449	ACCORDING TO NORM ASTM A-108-13 LEVEL 1
8	OU-45163	FLAT 1/2" x 6"	SAE1018	2,445	ACCORDING TO NORM ASTM A-108-13 LEVEL 1
9	OU-45163	FLAT 1/2" x 8"	SAE1018	2,427	ACCORDING TO NORM ASTM A-108-13 LEVEL 1
10	OU-45163	FLAT 3/4" x 6"	SAE1018	2,401	ACCORDING TO NORM ASTM A-108-13 LEVEL 1
11	OU-45163	FLAT 3/4" x 8"	SAE1018	2,423	ACCORDING TO NORM ASTM A-108-13 LEVEL 1
12	OU-45163	FLAT 1" x 5"	SAE1018	2,668	ACCORDING TO NORM ASTM A-108-13 LEVEL 1
13	OU-45163	FLAT 1" x 6"	SAE1018	2,458	ACCORDING TO NORM ASTM A-108-13 LEVEL 1
14	OU-45163	FLAT 1" x 8"	SAE1018	2,284	ACCORDING TO NORM ASTM A-108-13 LEVEL 1
15	OU-45163	FLAT 2" x 2 1/2"	SAE1018	2,469	ACCORDING TO NORM ASTM A-108-13 LEVEL 1
16	OU-45163	FLAT 2" x 3"	SAE1018	2,227	ACCORDING TO NORM ASTM A-108-13 LEVEL 1
17	OU-45163	FLAT 2" x 4"	SAE1018	2,304	ACCORDING TO NORM ASTM A-108-13 LEVEL 1
18	OU-45163	RD 1 1/8" (1,1244" - 1,1240")	SAE1018	2,072	ACCORDING TO NORM ASTM A-108-13 LEVEL 1
19	OU-45163	SQ 1 1/4" (0,0000" - 0,0000")	SAE1018	2,787	ACCORDING TO NORM ASTM A-108-13 LEVEL 1
20	OU-45163	SQ 2 1/2" (0,0000" - 0,0000")	SAE1018	2,831	ACCORDING TO NORM ASTM A-108-13 LEVEL 1

Chemical Composition According to EN 10204-2.2

Heat N°.	%C	%Si	%Mn	%P	%S	%Cr	%Ni	%Mo	%Pb	%Al	%Cu	%N	%Sn	%Ti
1 110640	0.068	0.012	1.150	0.048	0.285	0.022	0.027	0.009	0.282	0.003	0.044			
2 CE579934	0.160	0.160	0.730	0.013	0.016	0.090	0.120	0.017		0.004	0.330	0.011	0.016	
3 888562	0.166	0.273	0.799	0.009	0.026	0.067	0.024	0.007		0.026	0.027	0.005		
4 888562	0.166	0.273	0.799	0.009	0.026	0.067	0.024	0.007		0.026	0.027	0.005		
5 CE572896	0.160	0.160	0.730	0.009	0.017	0.070	0.090	0.014		0.003	0.210	0.012	0.007	
6 40204	0.155	0.210	0.760	0.022	0.017	0.160	0.080	0.020		0.012	0.160		0.009	
7 3067060	0.162	0.195	0.779	0.012	0.014	0.092	0.176	0.045		0.019	0.233		0.009	
8 CE577933	0.160	0.170	0.750	0.012	0.013	0.070	0.110	0.018		0.003	0.240	0.012	0.011	
9 3066237	0.150	0.221	0.804	0.011	0.006	0.135	0.170	0.064	0.001	0.016	0.193		0.012	
10 CE578591	0.160	0.150	0.740	0.013	0.020	0.070	0.100	0.025		0.003	0.210	0.013	0.009	
11 3066236	0.152	0.211	0.801	0.008	0.006	0.094	0.122	0.038	0.001	0.016	0.193		0.013	
12 3067061	0.156	0.183	0.787	0.011	0.016	0.109	0.180	0.053		0.018	0.229		0.009	
13 3066812	0.150	0.174	0.754	0.007	0.009	0.142	0.164	0.062	0.001	0.017	0.191		0.008	
14 3066267	0.156	0.236	0.826	0.010	0.007	0.147	0.166	0.044	0.001	0.018	0.273		0.012	
15 3064756	0.155	0.213	0.776	0.011	0.008	0.088	0.150	0.037		0.018	0.220		0.010	0.003
16 3067925	0.155	0.211	0.787	0.024	0.005	0.219	0.221	0.065		0.018	0.208		0.009	0.005
17 3065409	0.158	0.201	0.727	0.008	0.009	0.132	0.202	0.057		0.018	0.233		0.010	0.004
18 109543	0.160	0.126	0.715	0.010	0.010	0.073	0.070	0.008		0.003	0.146	0.009		
19 V37678	0.163	0.252	0.773	0.011	0.004	0.113	0.215	0.049		0.025	0.287		0.014	
20 41718	0.165	0.230	0.800	0.015	0.011	0.150	0.070	0.010		0.012	0.160		0.008	0.002

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Quality Management



EAGLE BAR INC.

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Chicago, Illinois 60632
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(773) 847-5287

Inspec. N.: 2010995 Page

Date: 01-25-2016 2 of 2

COLD FINISHED STEEL TEST CERTIFICATE

Customer: LES ACIERS TRANSBEC(1997)
LTEE

LAVAL, QUEBEC ()

Delivery Note: 18346

	P.O.Nº.	Shape	Size	Quality	Lbs.	Remarks
21	OU-45163	SQ	3'' (0,0000''-0,0000'')	SAE1018	2,595	ACCORDING TO NORM ASTM A-108-13 LEVEL 1
22	OU-45163	SQ	4'' ('')	SAE1018	2,639	ACCORDING TO NORM ASTM A-108-13 LEVEL 1

Chemical Composition According to EN 10204-2.2

Heat N°.	%C	%Si	%Mn	%P	%S	%Cr	%Ni	%Mo	%Pb	%Al	%Cu	%N	%Sn	%Ti
21 41626	0.165	0.220	0.710	0.015	0.021	0.090	0.070	0.010		0.011	0.180		0.011	0.002
22 40204	0.155	0.210	0.760	0.022	0.017	0.160	0.080	0.020		0.012	0.160		0.009	

STEEL FREE OF MERCURY AND ANY RADIOACTIVE SUBSTANCES

Quality Management